

**α -Diazo- β -ketonitriles: Uniquely Reactive Substrates
for Arene and Alkene Cyclopropanation**

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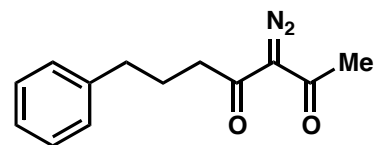
Supporting Information 2 (NMR spectra):

Sample Name:
RRN-8-59-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-59-1H
FidFile: PROTON01

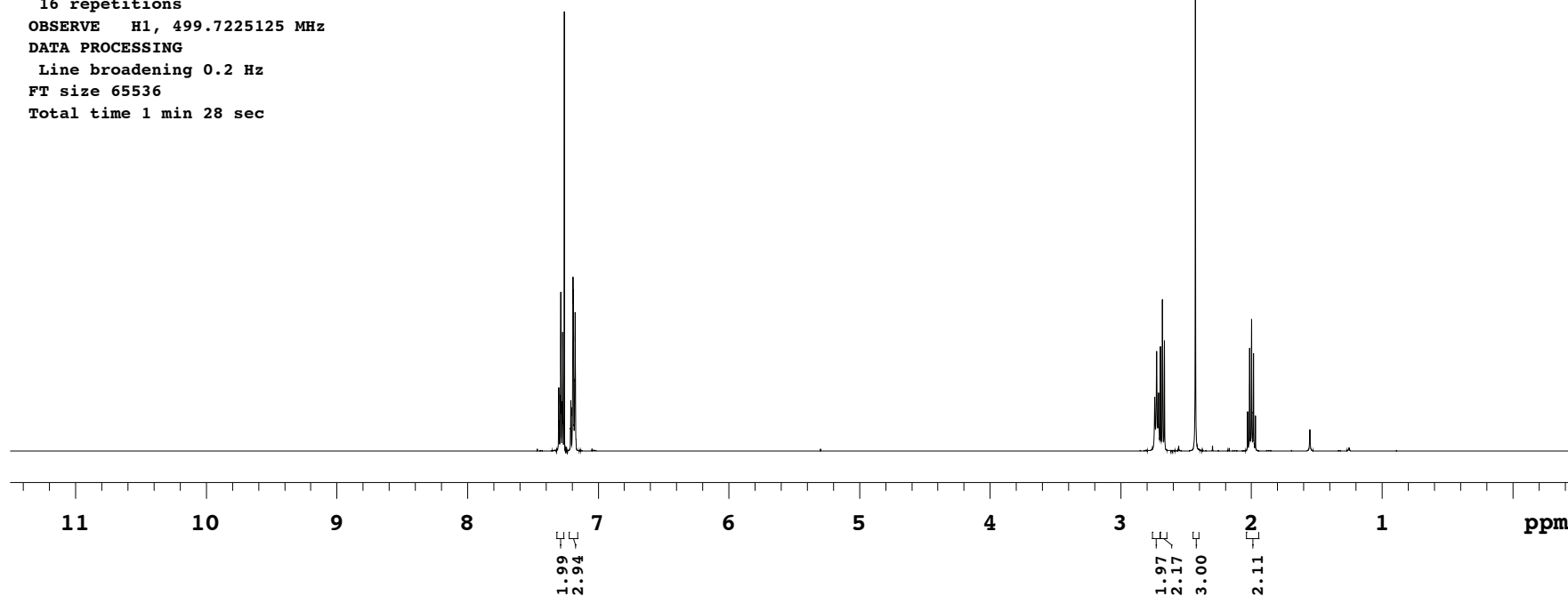
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Apr 4 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



14c



Plotname: --Not assigned--



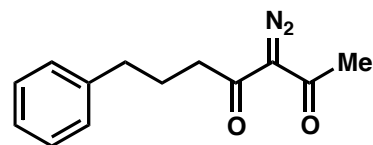
Agilent Technologies

Sample Name:
RRN-8-59-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-59-13C
FidFile: CARBON01

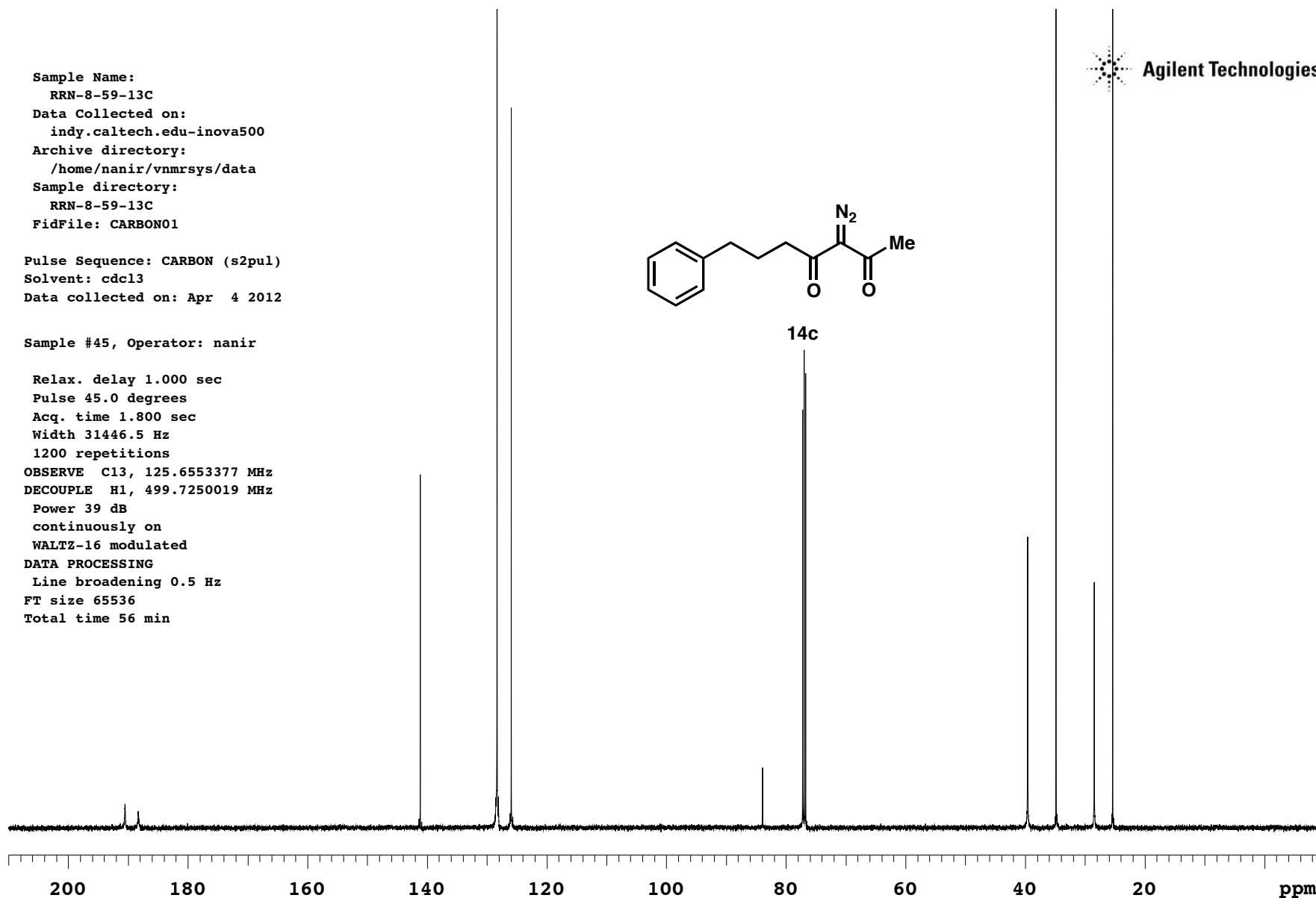
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Apr 4 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



14c



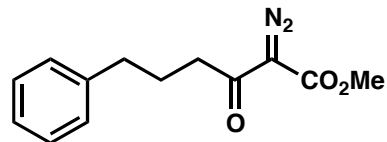
Plotname: --Not assigned--

Sample Name:
RRN-8-91-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/shan/vnmrsys/data
Sample directory:
RRN-8-91-1H
FidFile: RRN-8-91-1H-II

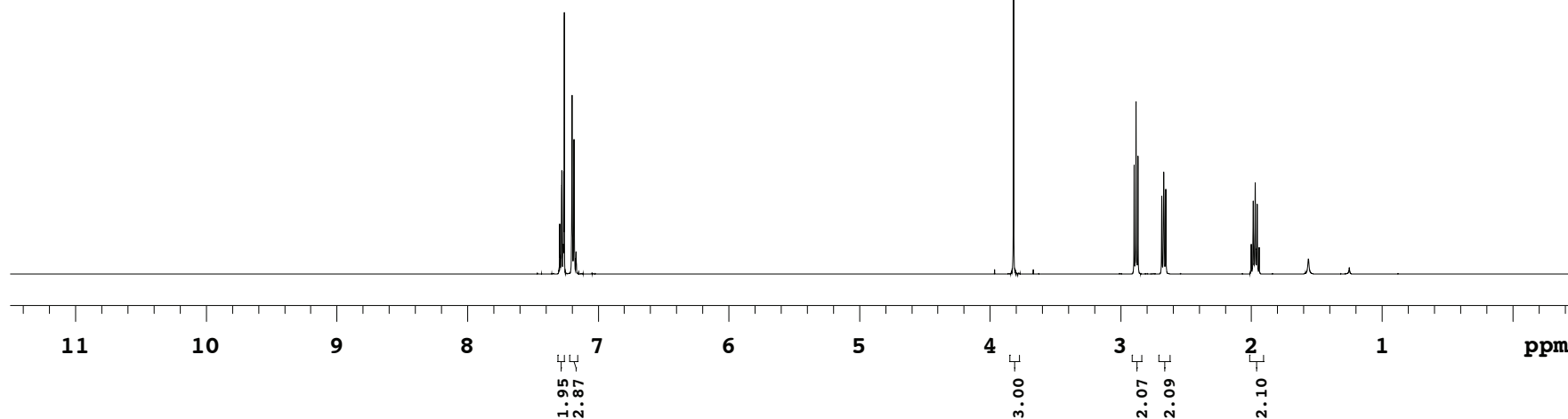
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 19 2012

Sample #44, Operator: shan

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



14d





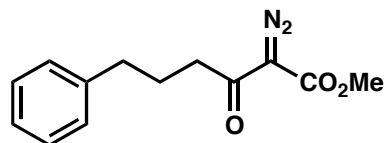
Agilent Technologies

Sample Name:
RRN-8-91-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-91-13C
FidFile: CARBON01

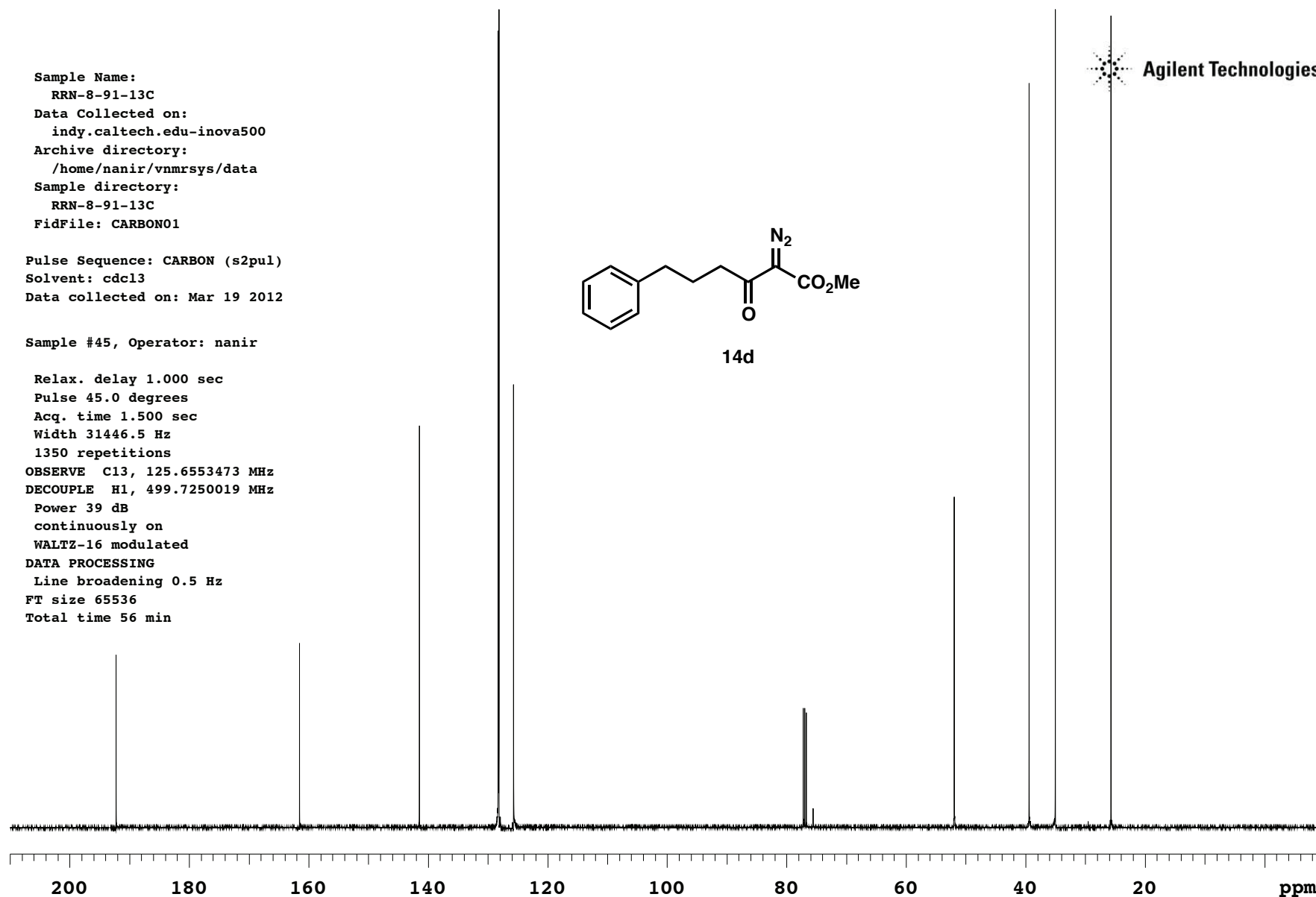
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 19 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
1350 repetitions
OBSERVE C13, 125.6553473 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



14d



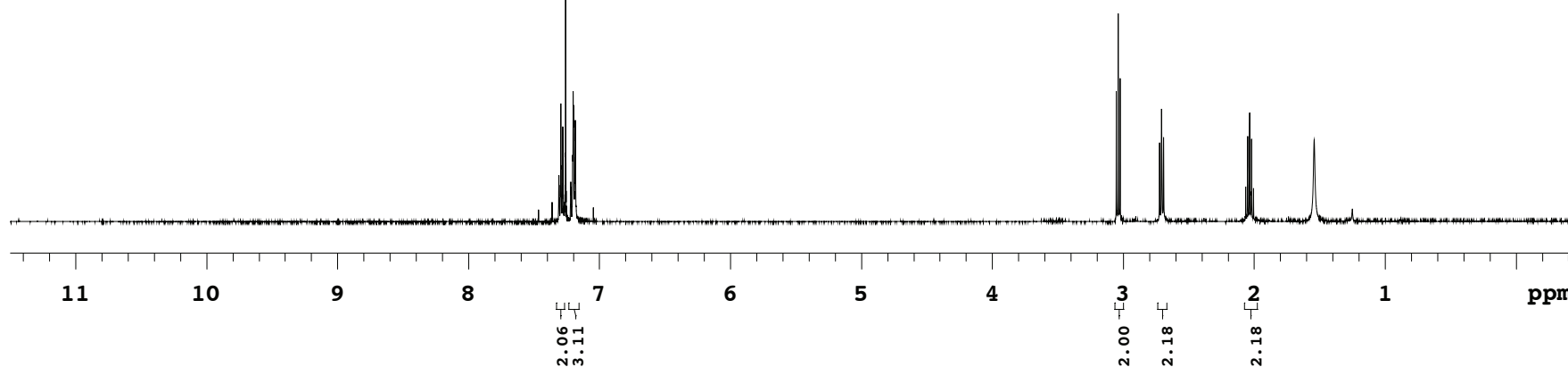
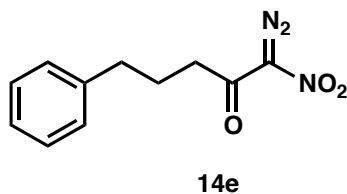
Plotname: --Not assigned--

Sample Name:
RRN-7-183-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-183-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 5 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127412 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



Plotname: --Not assigned--



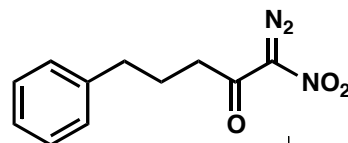
Agilent Technologies

Sample Name:
RRN-7-183-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-183-13C
FidFile: CARBON01

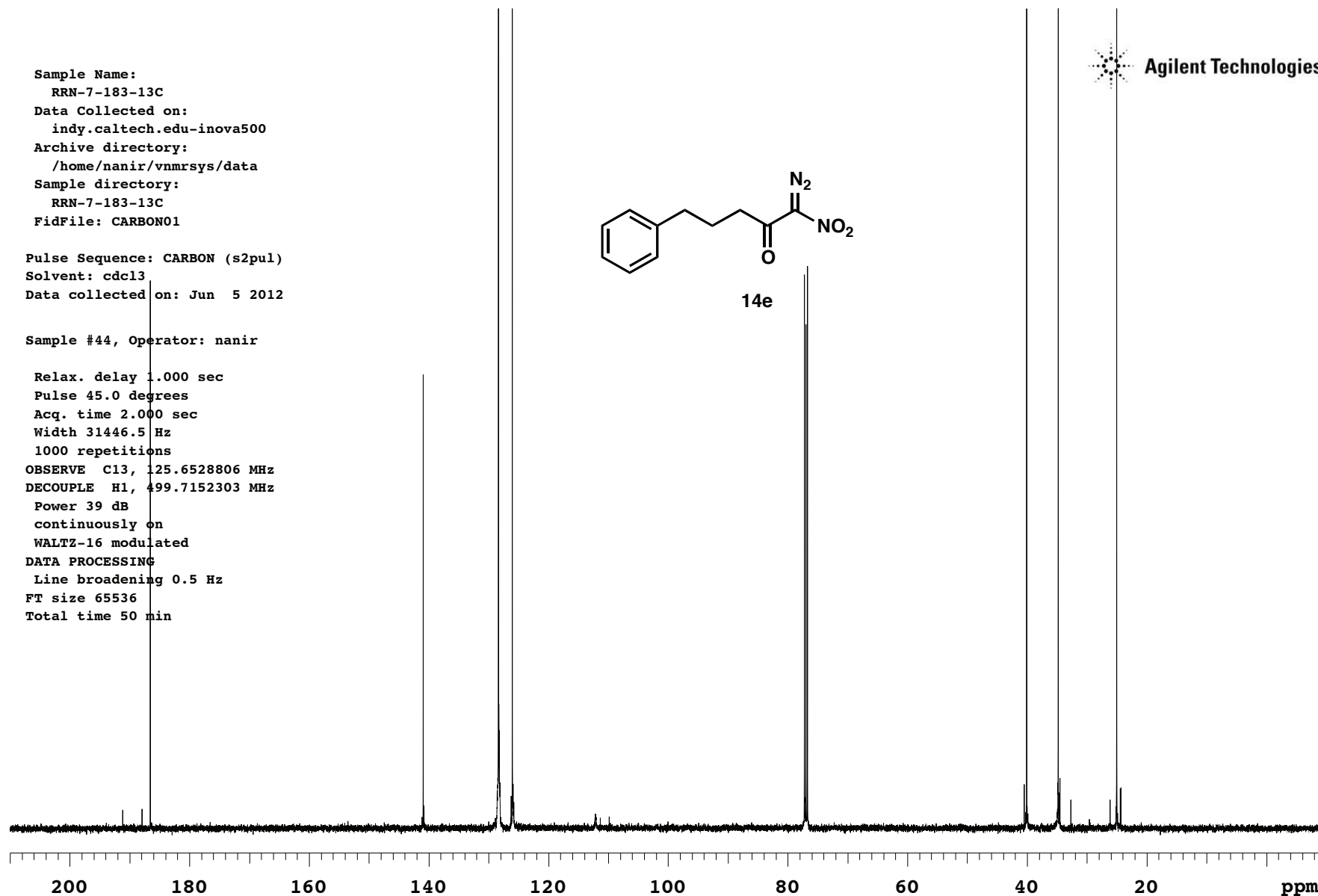
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 5 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6528806 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 50 min



14e



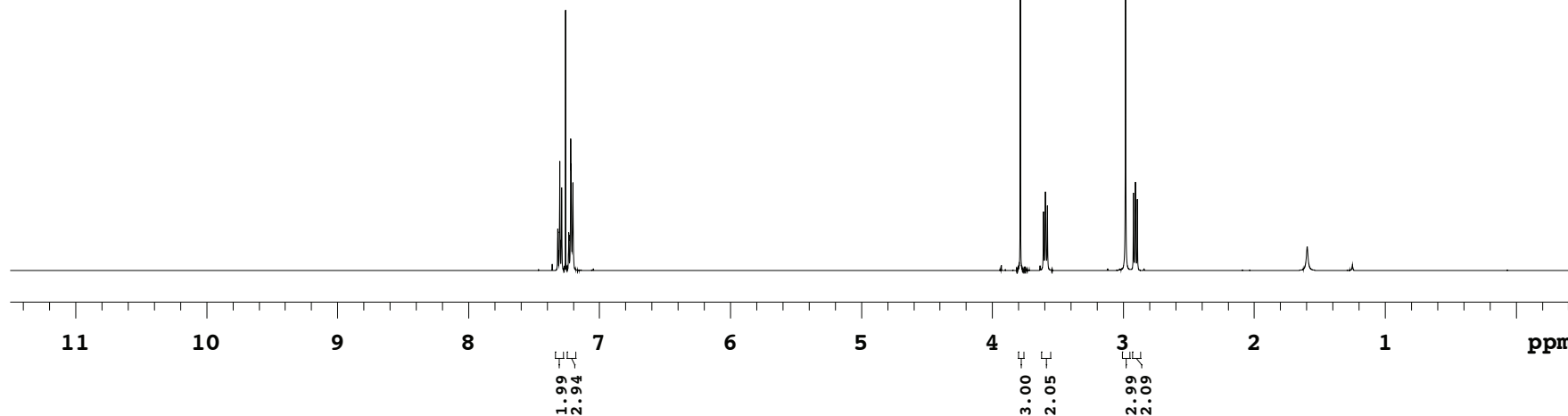
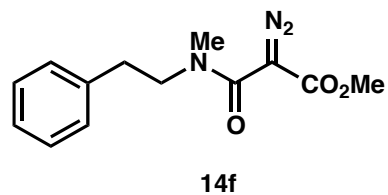
Plotname: --Not assigned--

Sample Name:
RRN-6-169-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-169-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 13 2012

Sample #37, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



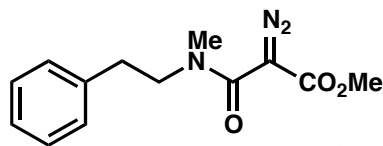
Plotname: --Not assigned--

Sample Name:
RRN-6-169-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-169-13C
FidFile: CARBON01

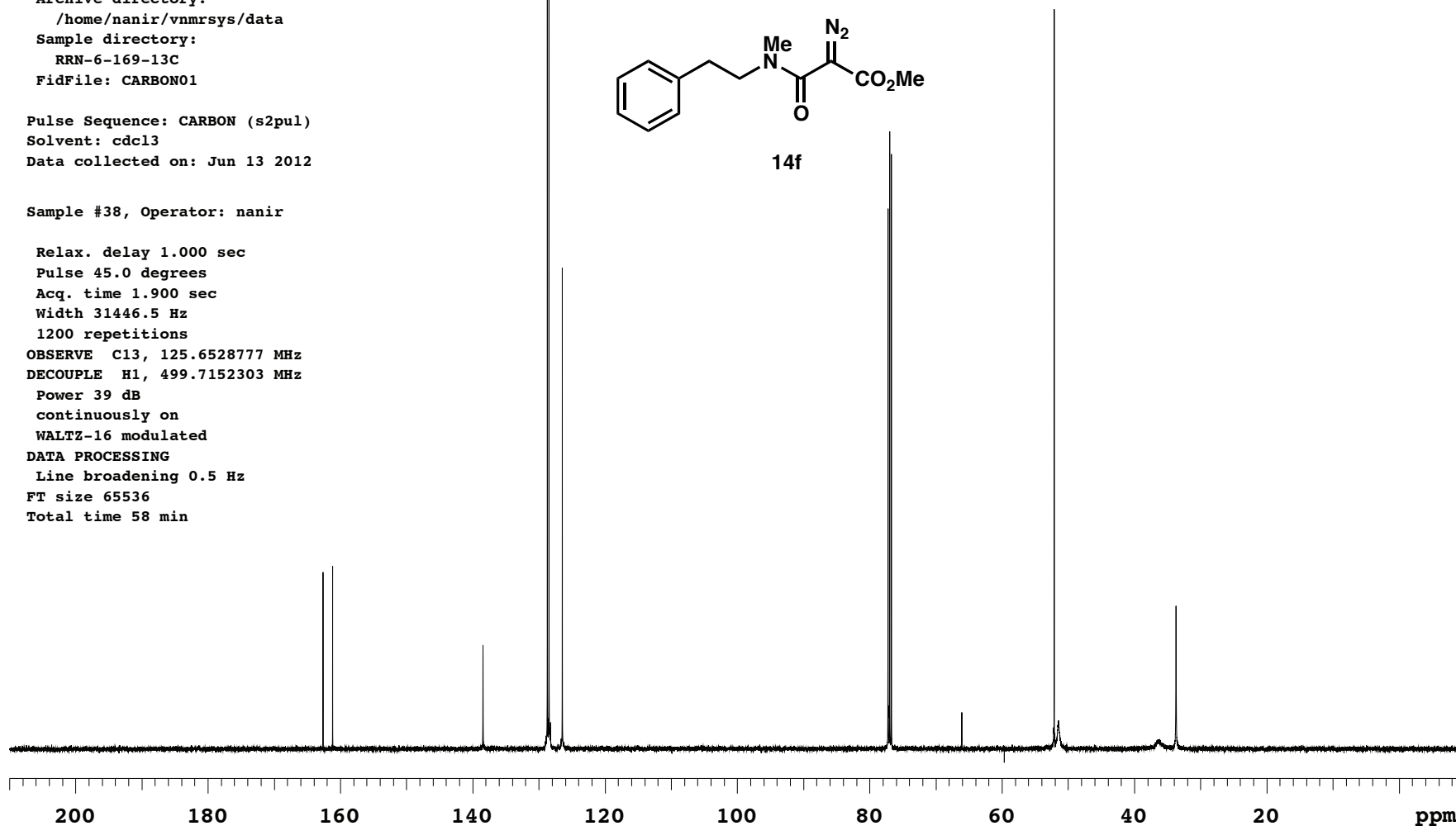
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 13 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.900 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528777 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 58 min



14f



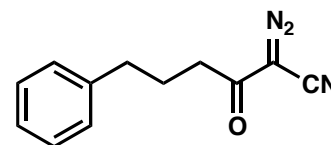
Plotname: --Not assigned--

Sample Name:
RRN-SL-6-127_check
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-SL-6-127_check
FidFile: PROTON01

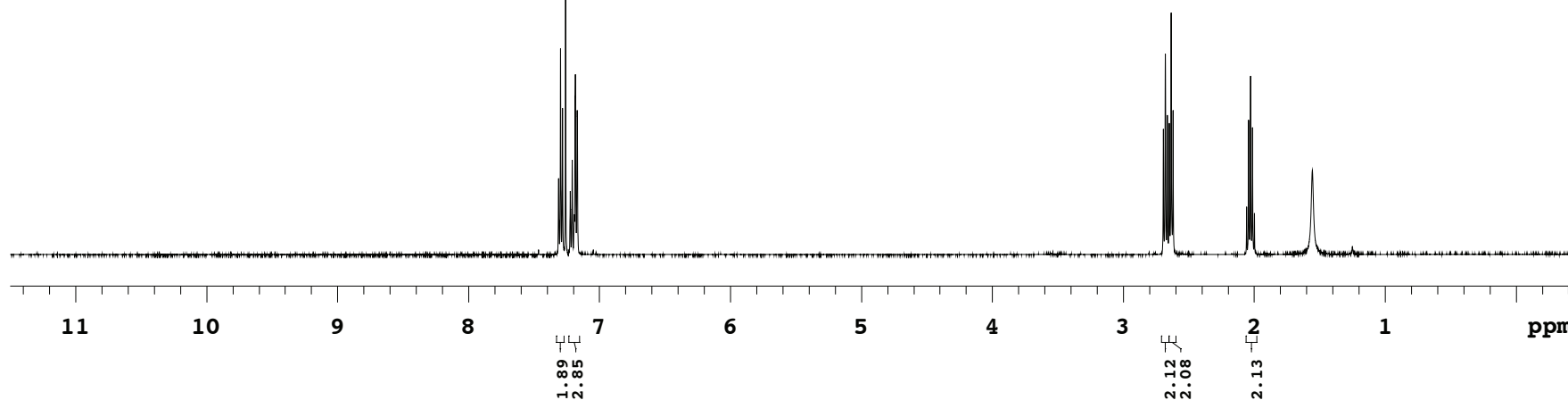
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 15 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



12a



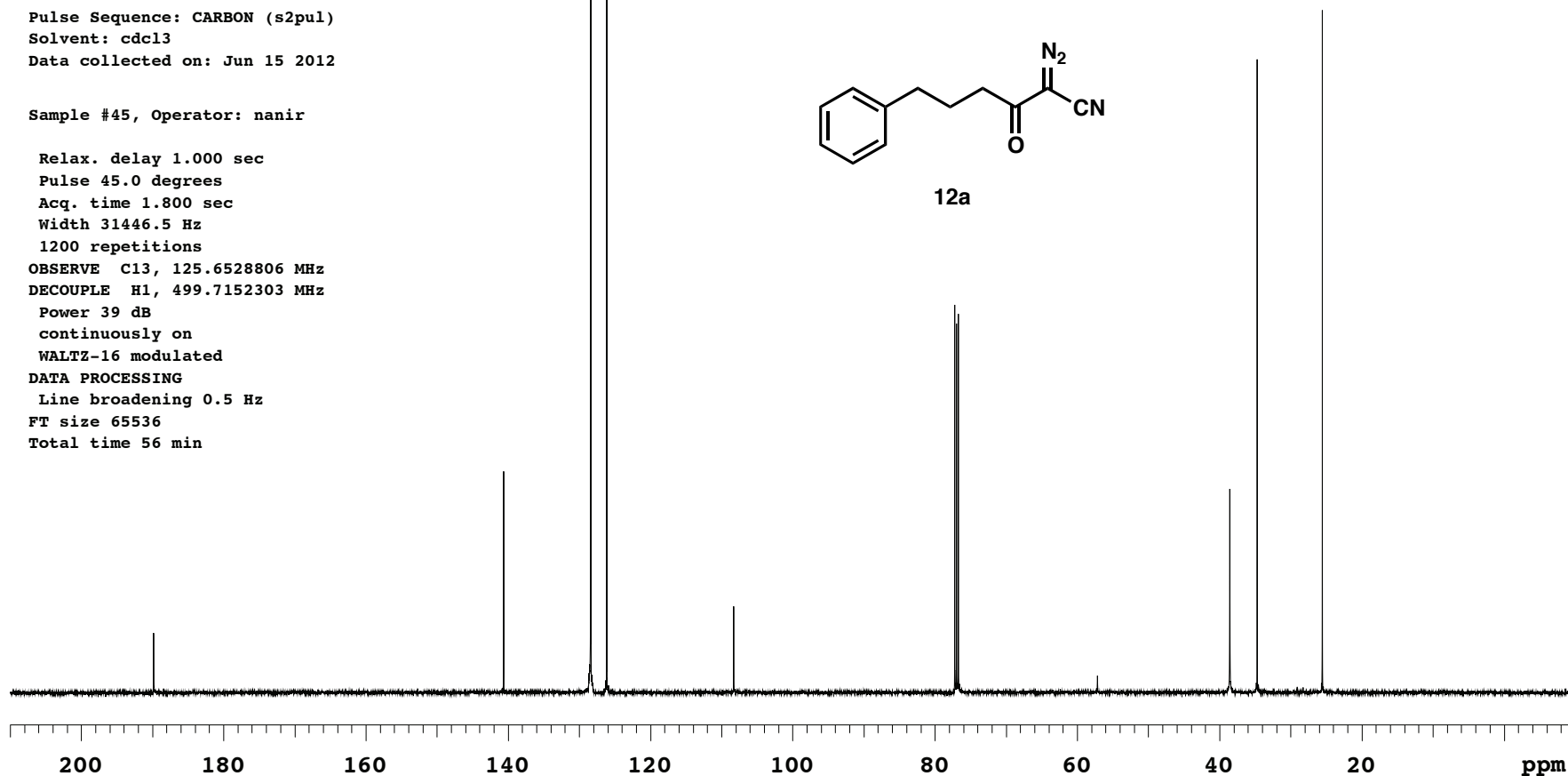
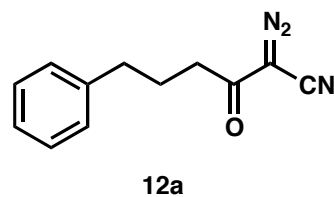
Plotname: --Not assigned--

Sample Name:
RRN-SL-6-127-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-SL-6-127-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 15 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528806 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



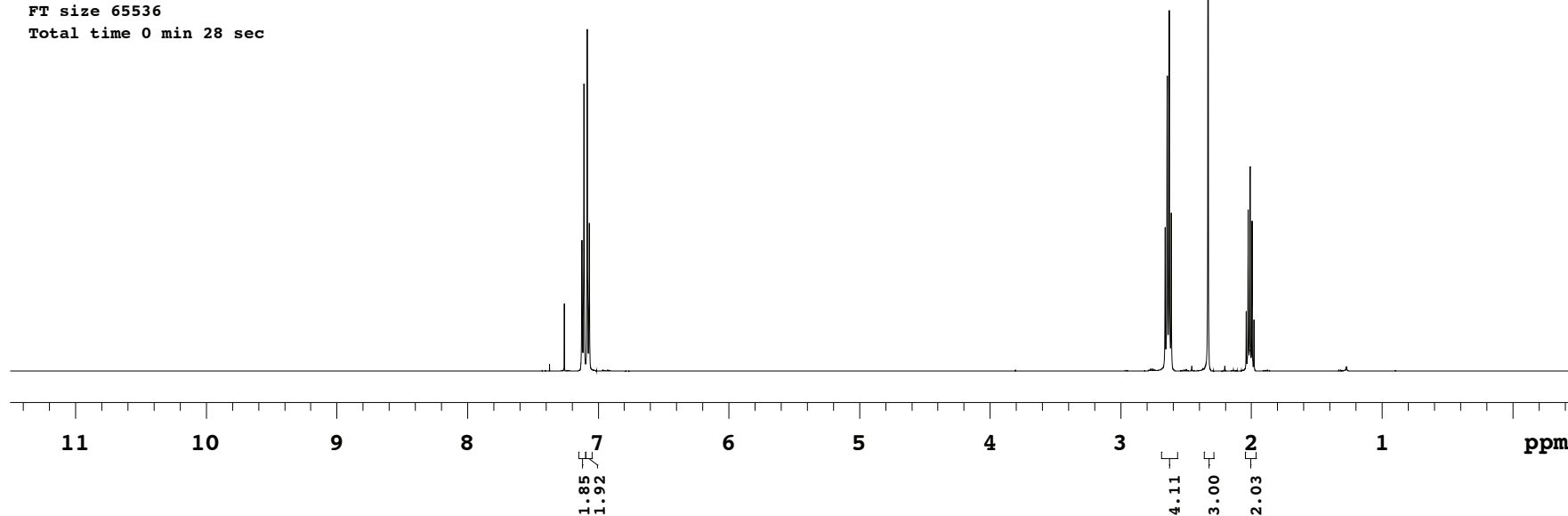
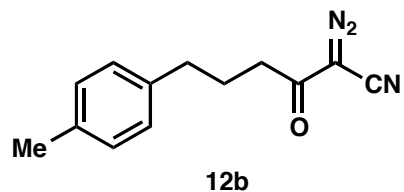
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Sample Name:
RRN-7-285-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-285-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jan 21 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



Plotname: --Not assigned--



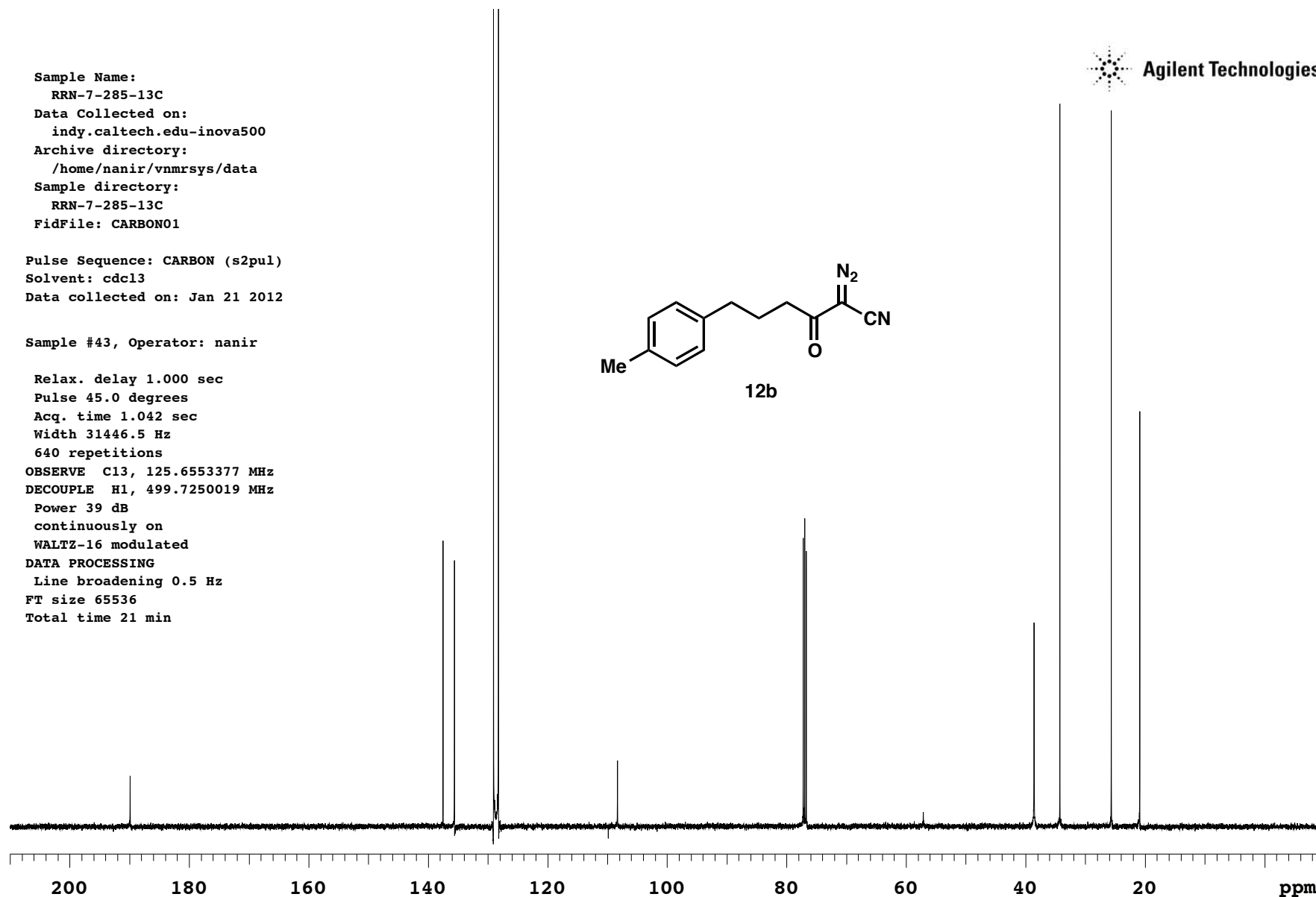
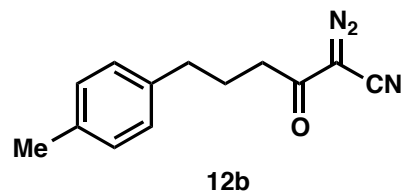
Agilent Technologies

Sample Name:
RRN-7-285-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-285-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 21 2012

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
640 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 21 min



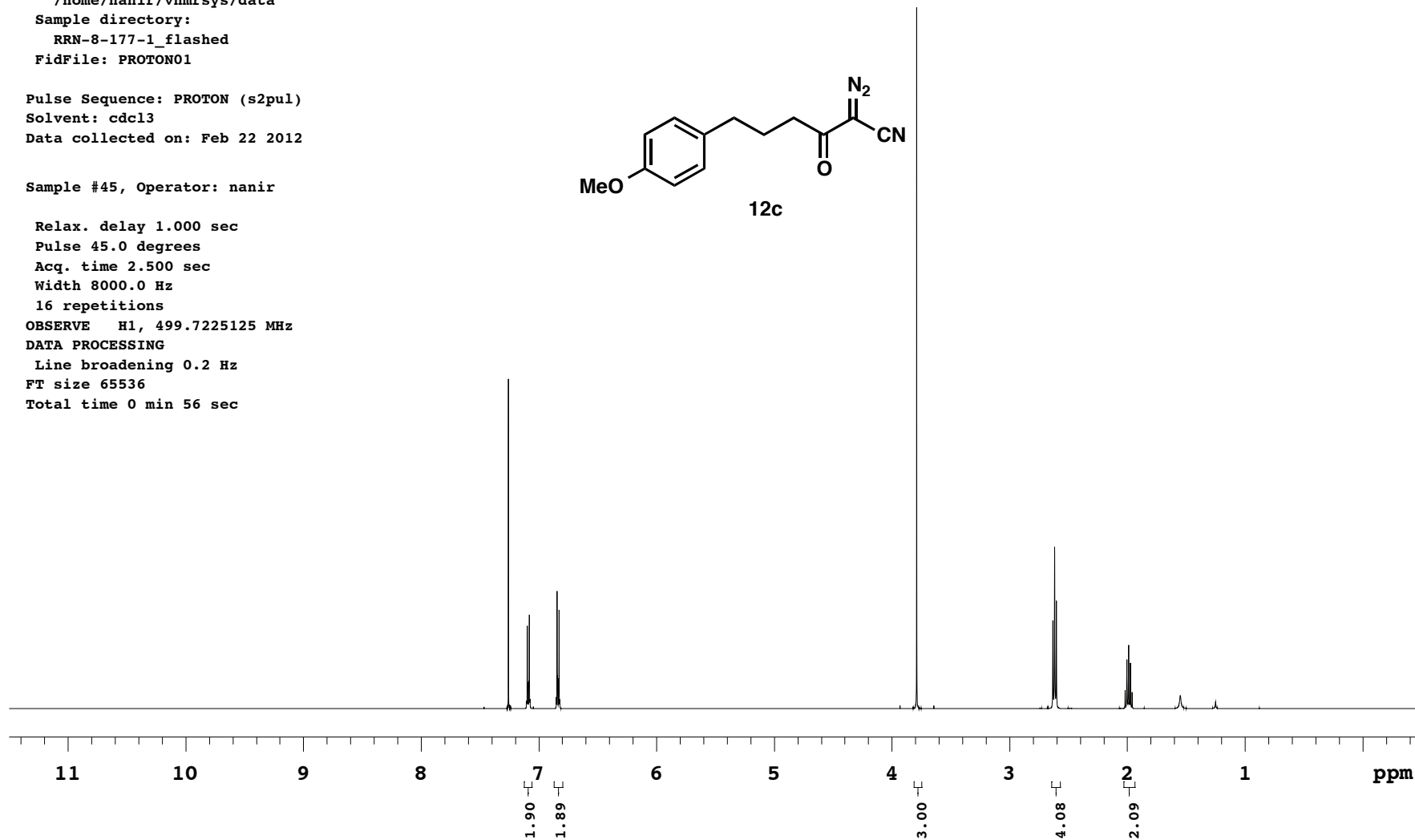
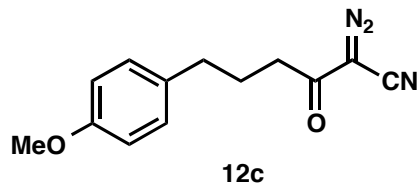
Plotname: --Not assigned--

Sample Name:
RRN-8-177-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-177-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 22 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec

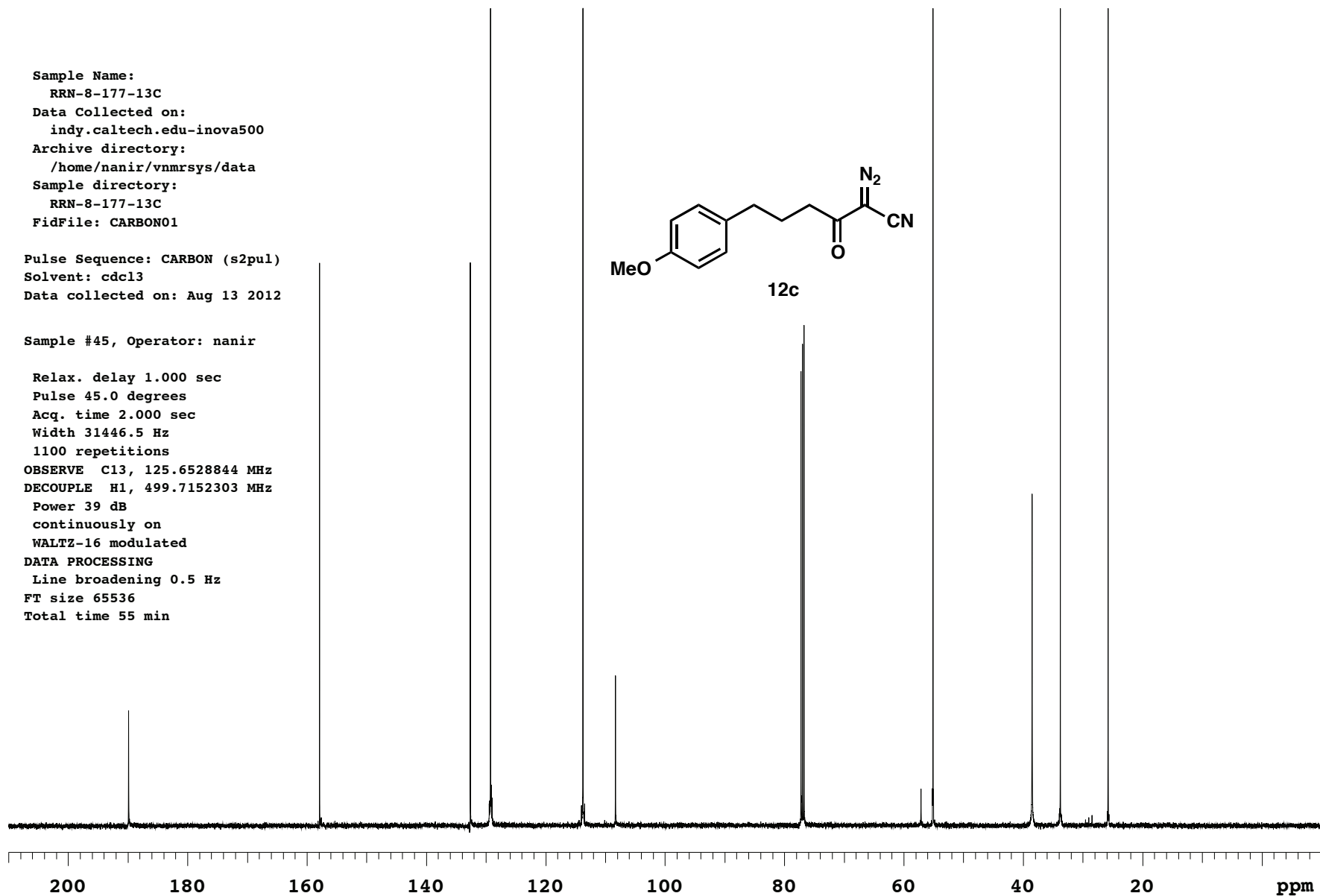
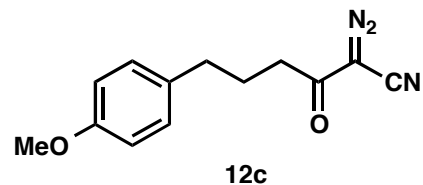


Sample Name:
RRN-8-177-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-177-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 13 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
1100 repetitions
OBSERVE C13, 125.6528844 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 55 min

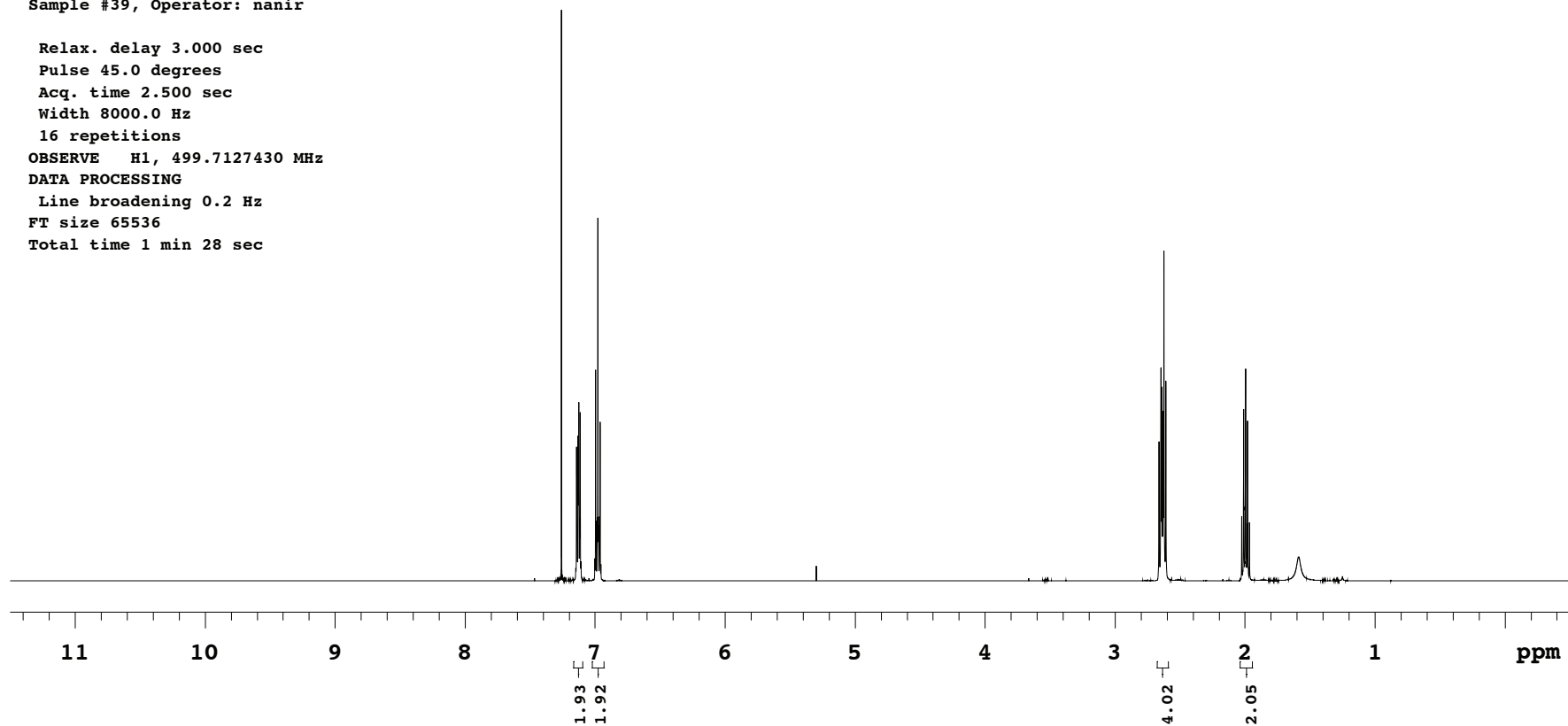
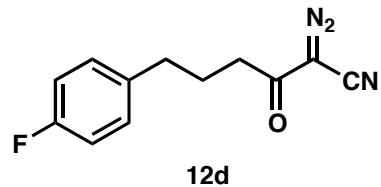


Sample Name:
RRN-9-135-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-135-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 15 2012

Sample #39, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127430 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec

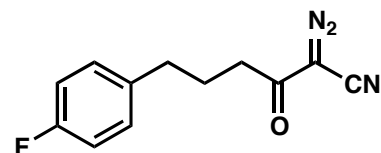


Sample Name:
RRN-9-135-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-135-13C
FidFile: CARBON01

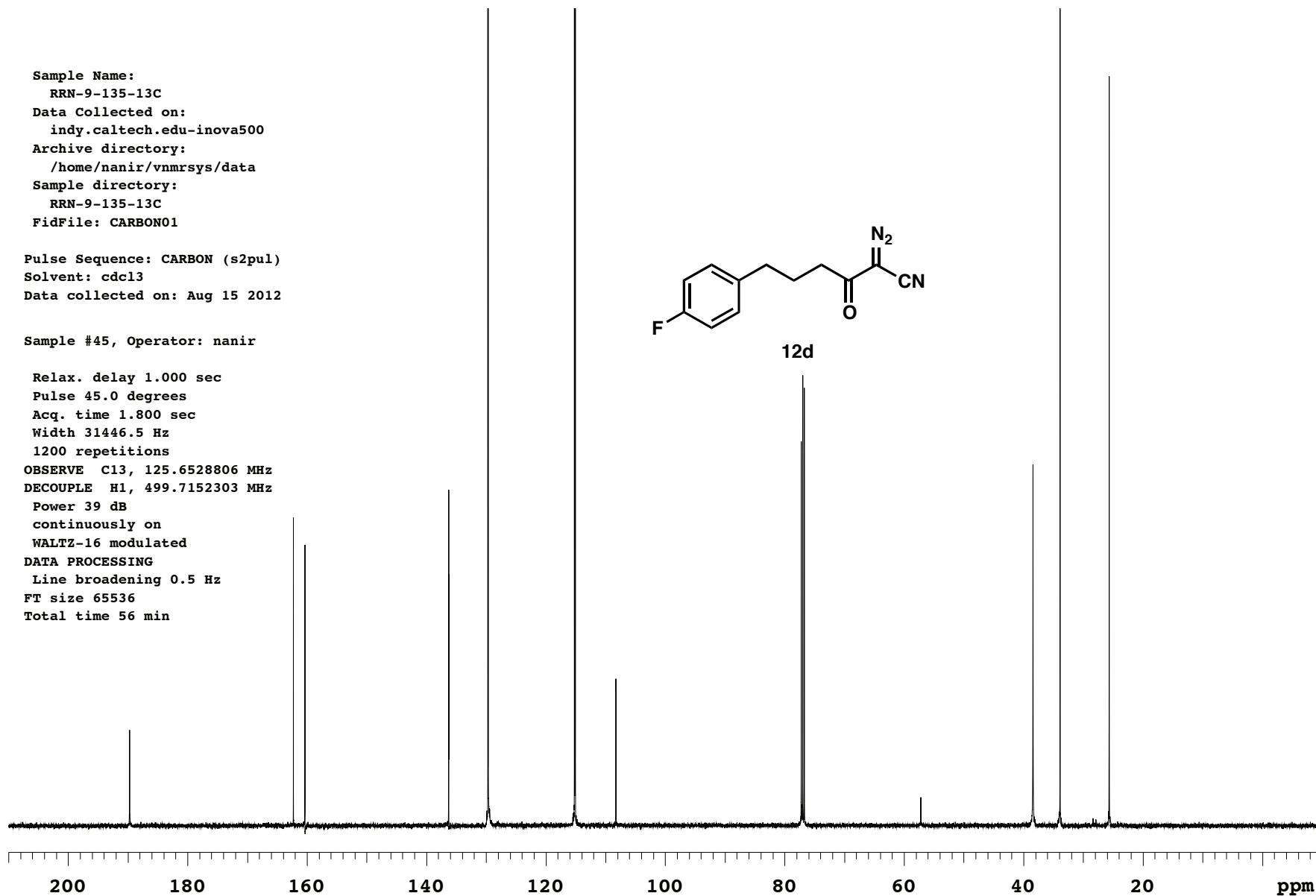
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 15 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528806 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



12d

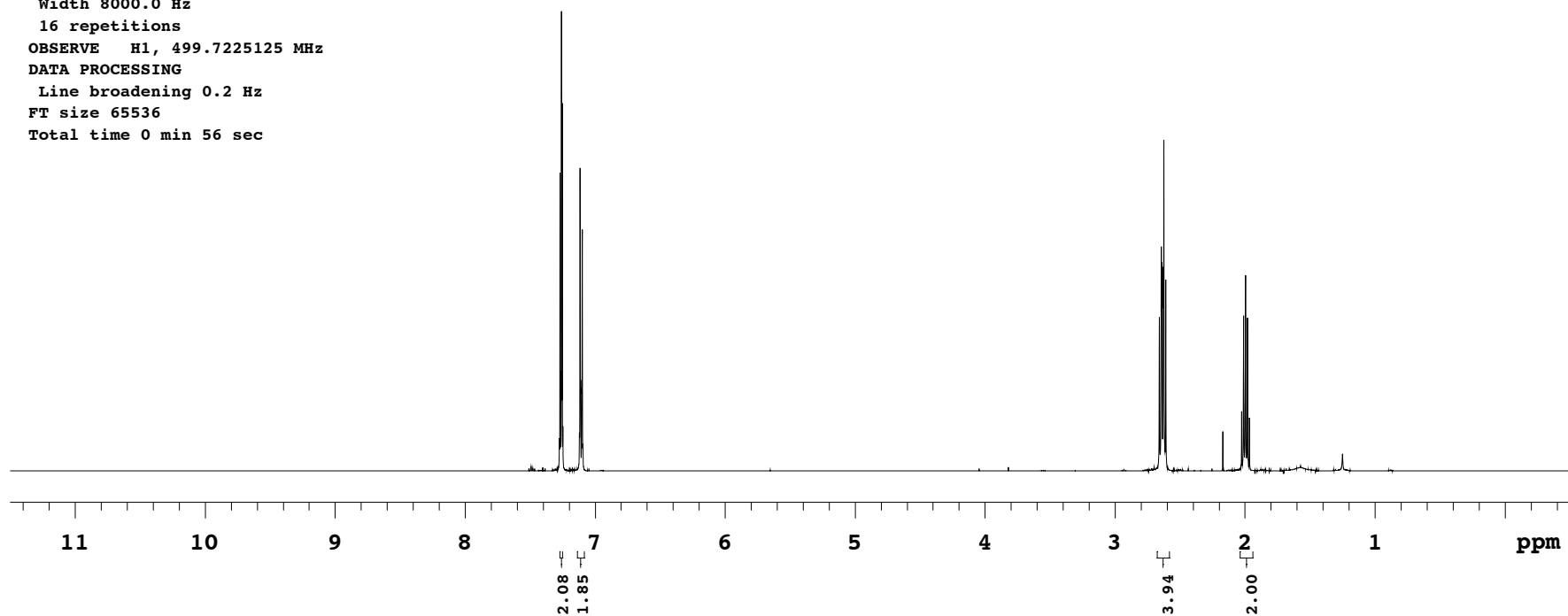
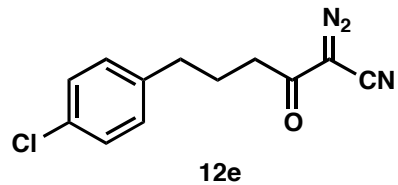


Sample Name:
RRN-8-173-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-173-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 22 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec

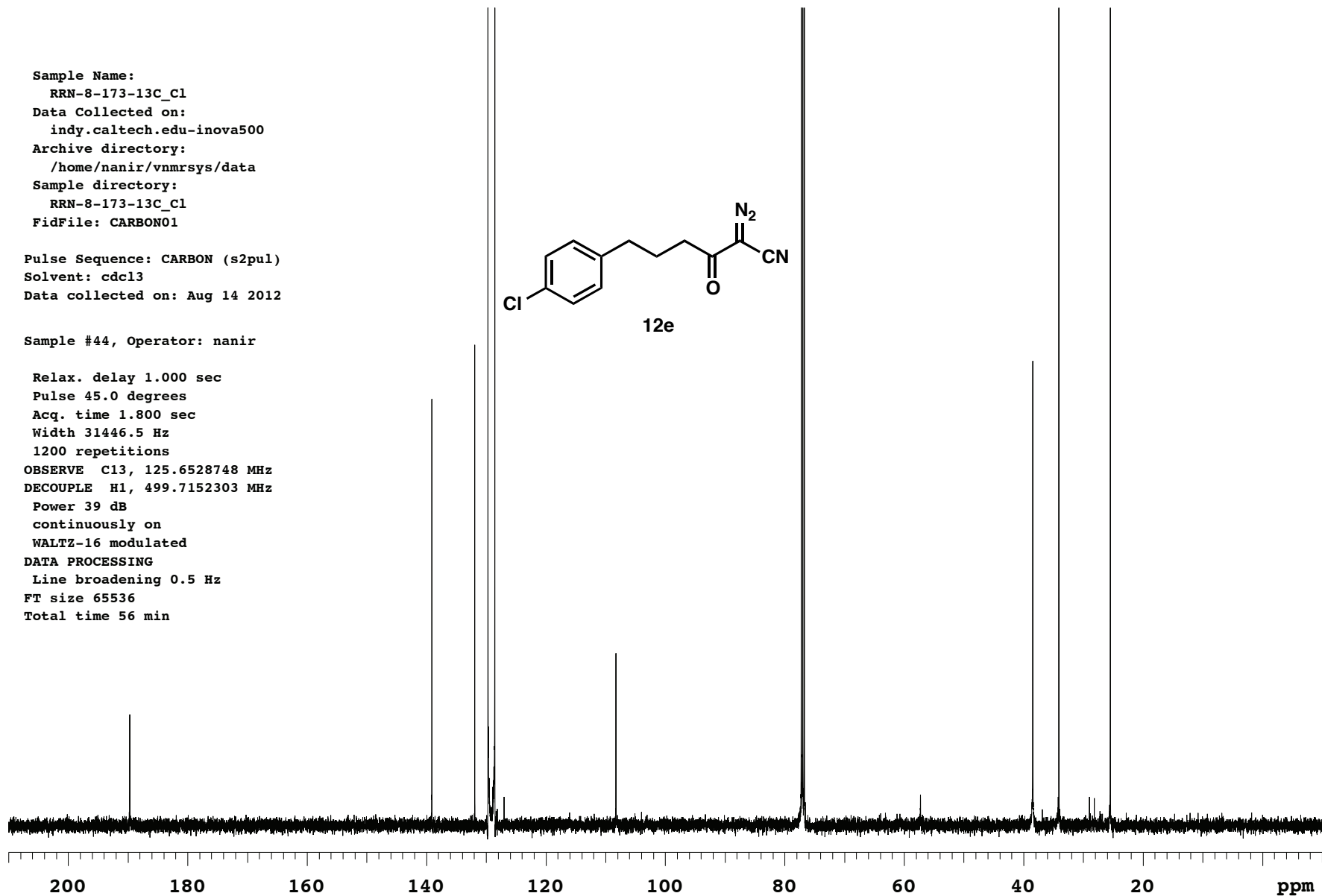
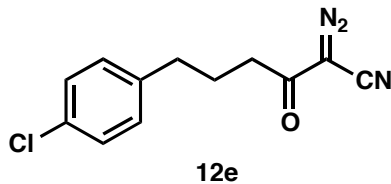


Sample Name:
RRN-8-173-13C_C1
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-173-13C_C1
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 14 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528748 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min

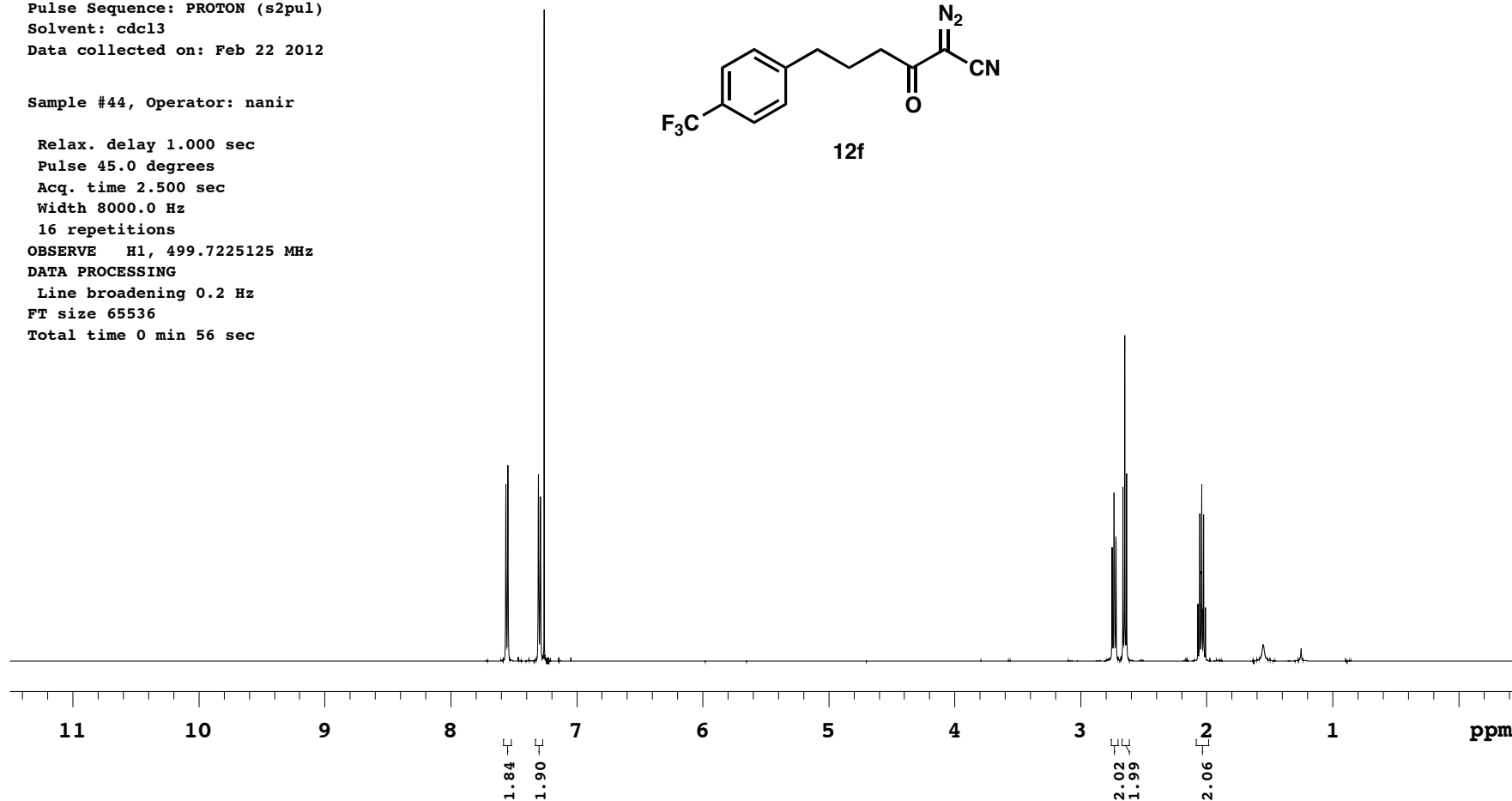
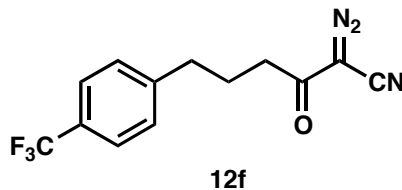


Sample Name:
RRN-8-175-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-175-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 22 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec

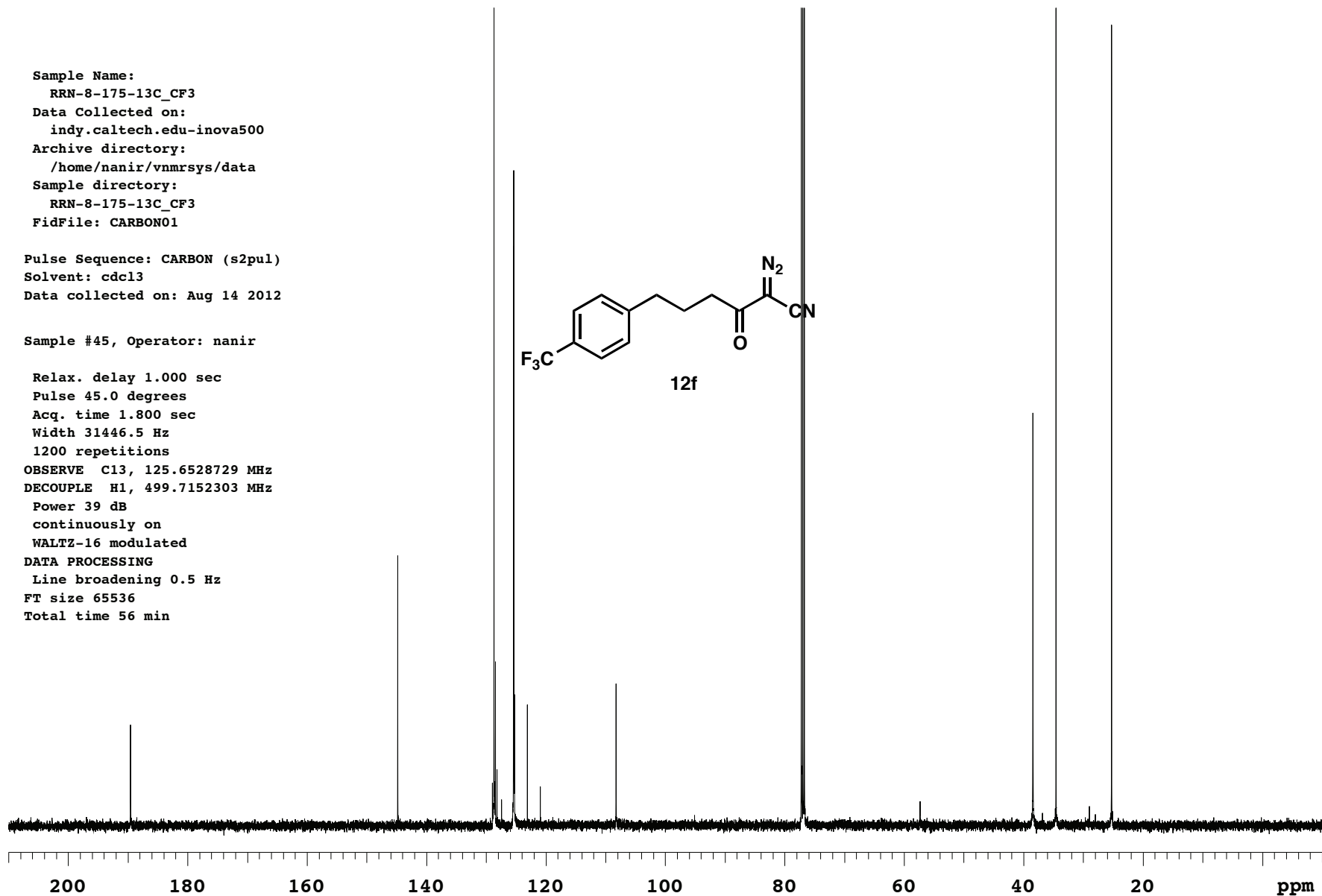


Sample Name:
RRN-8-175-13C_CF3
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-175-13C_CF3
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 14 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528729 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min

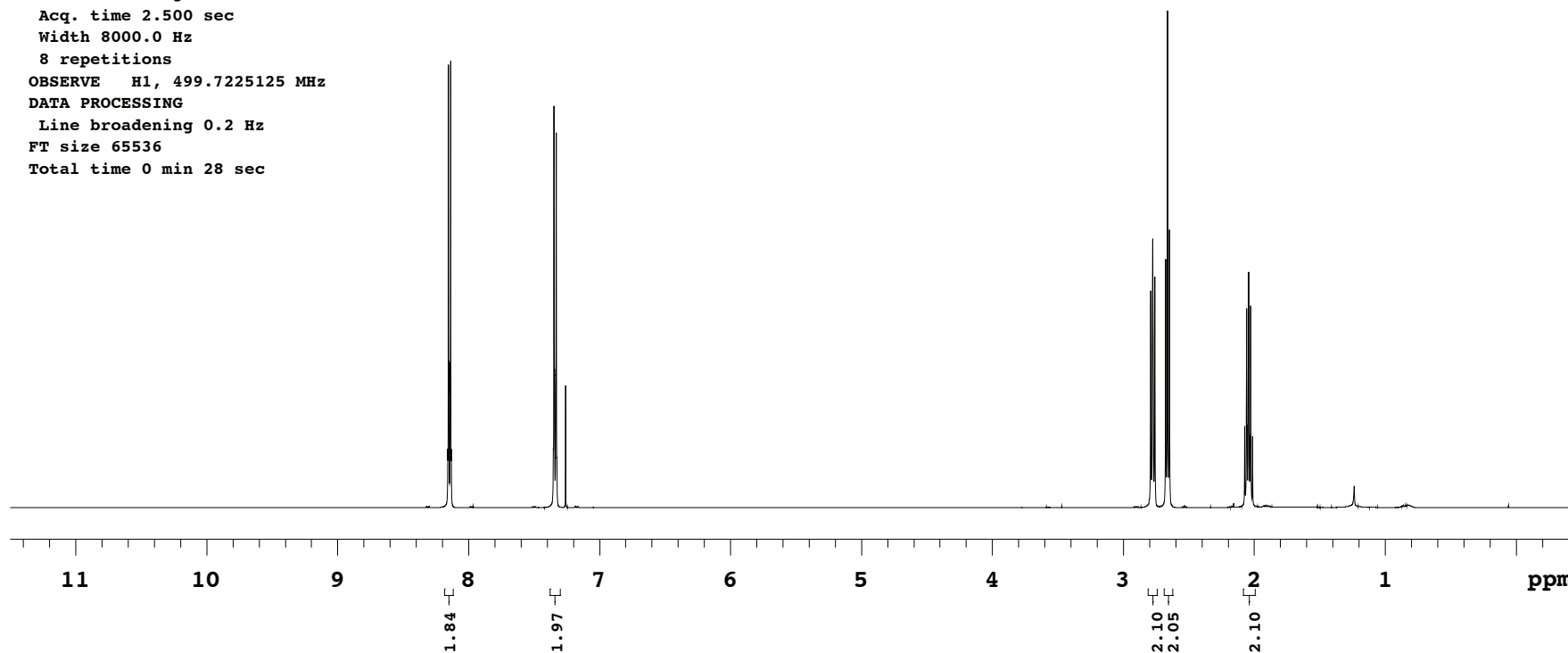
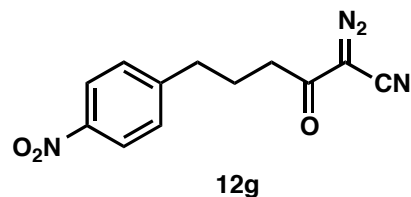


Sample Name:
RRN-7-283-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-283-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jan 24 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



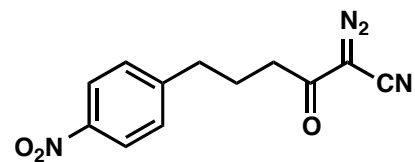
Plotname: --Not assigned--

Sample Name:
RRN-7-283-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-283-13C
FidFile: CARBON01

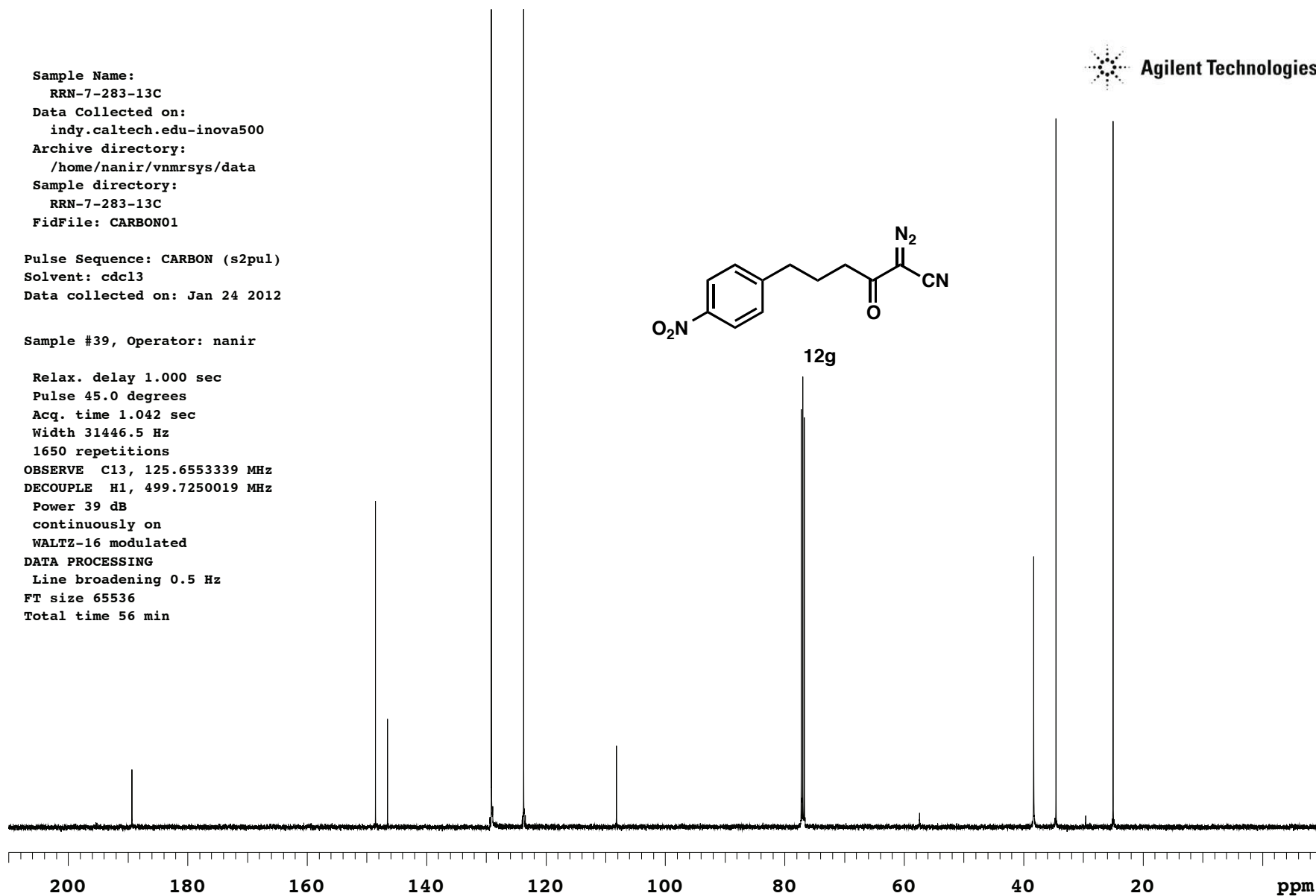
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 24 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1650 repetitions
OBSERVE C13, 125.6553339 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



12g



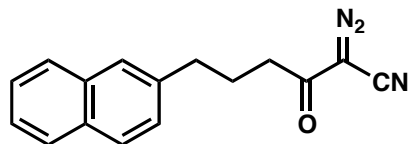
Plotname: --Not assigned--

Sample Name:
RRN-9-211-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-211-1H
FidFile: PROTON01

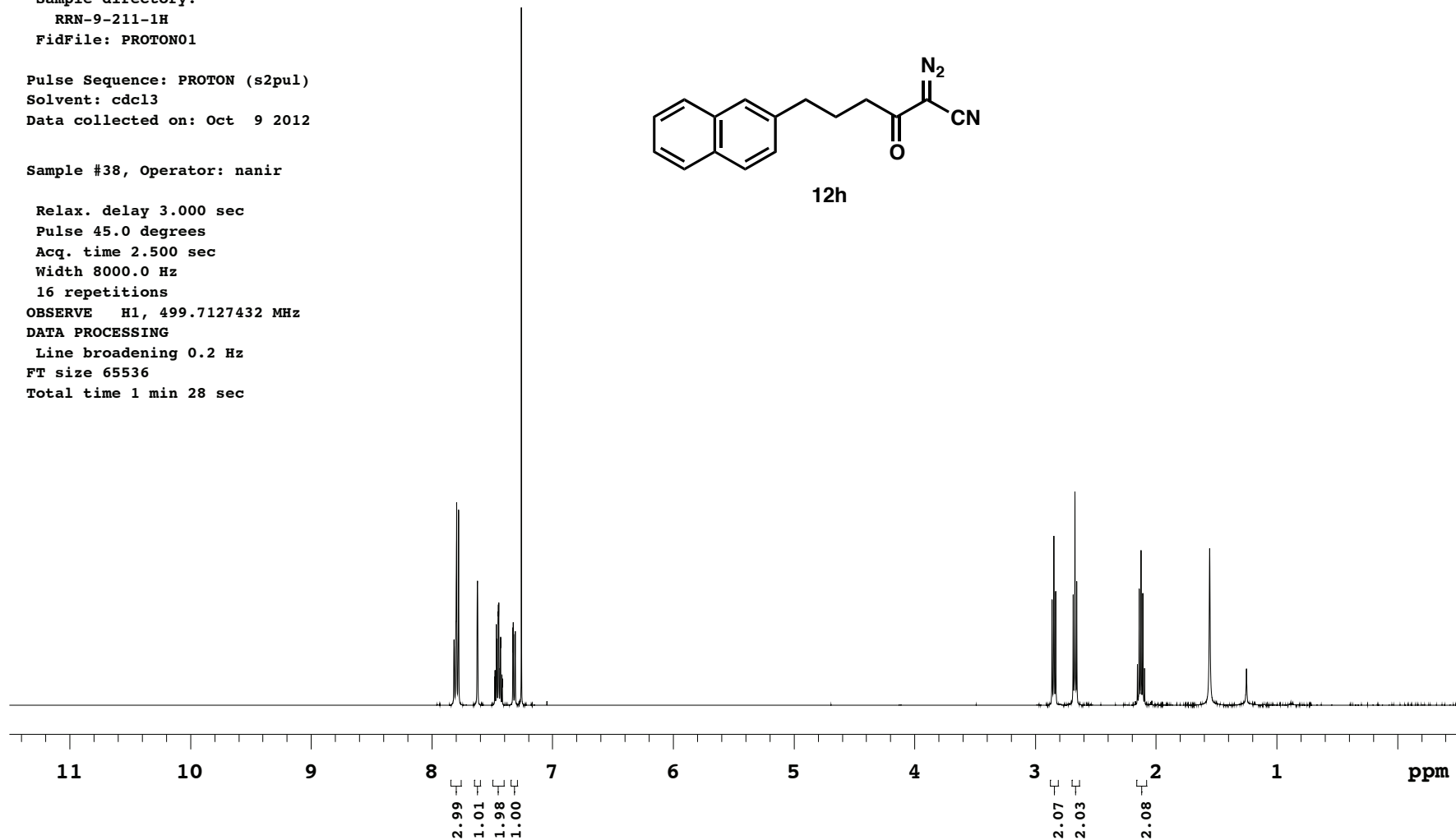
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 9 2012

Sample #38, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127432 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



12h

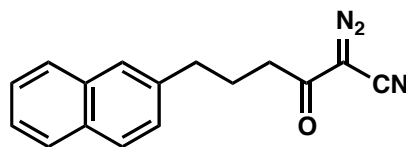


Sample Name:
RRN-9-211-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-211-13C
FidFile: CARBON01

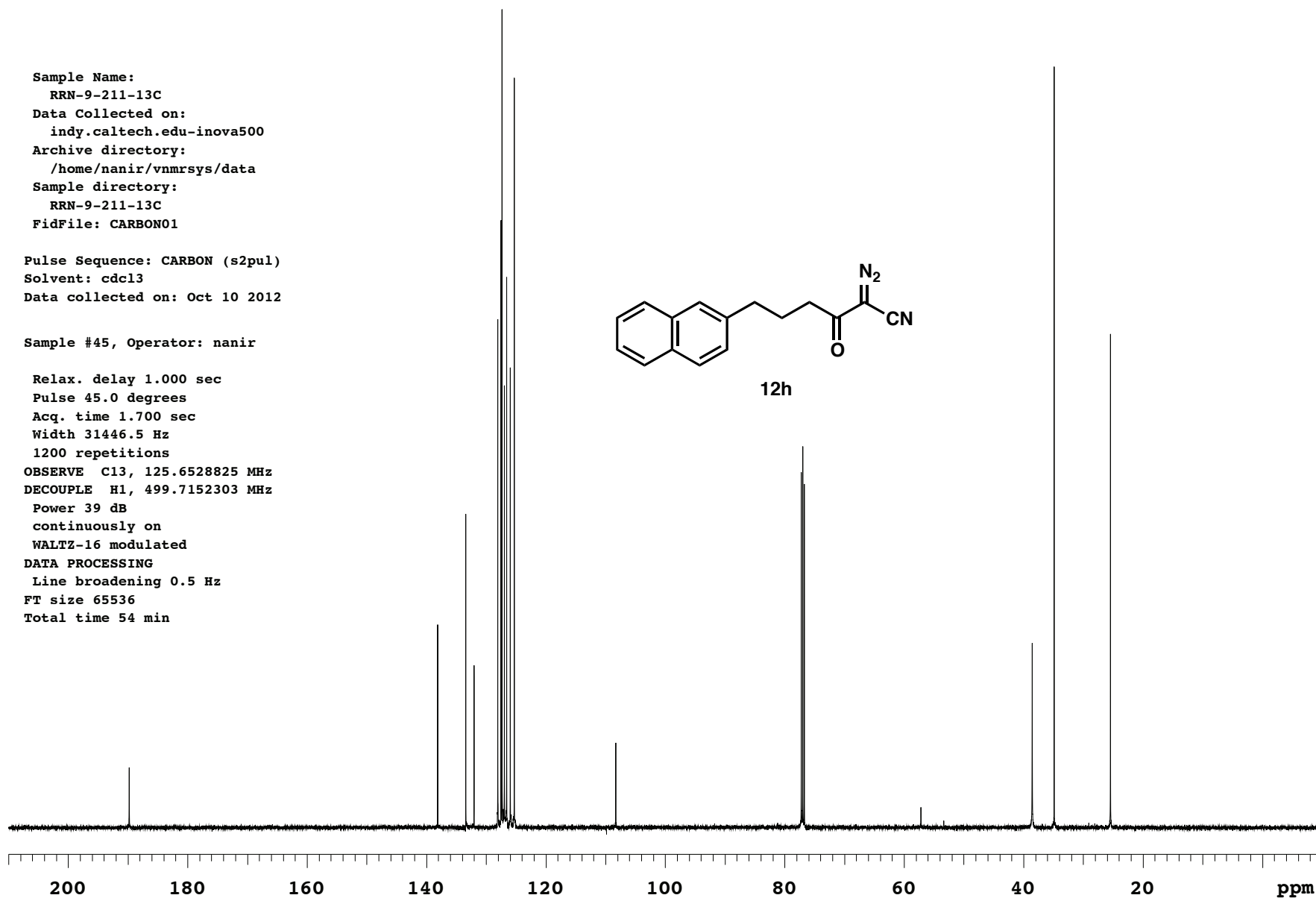
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 10 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.700 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528825 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 54 min



12h



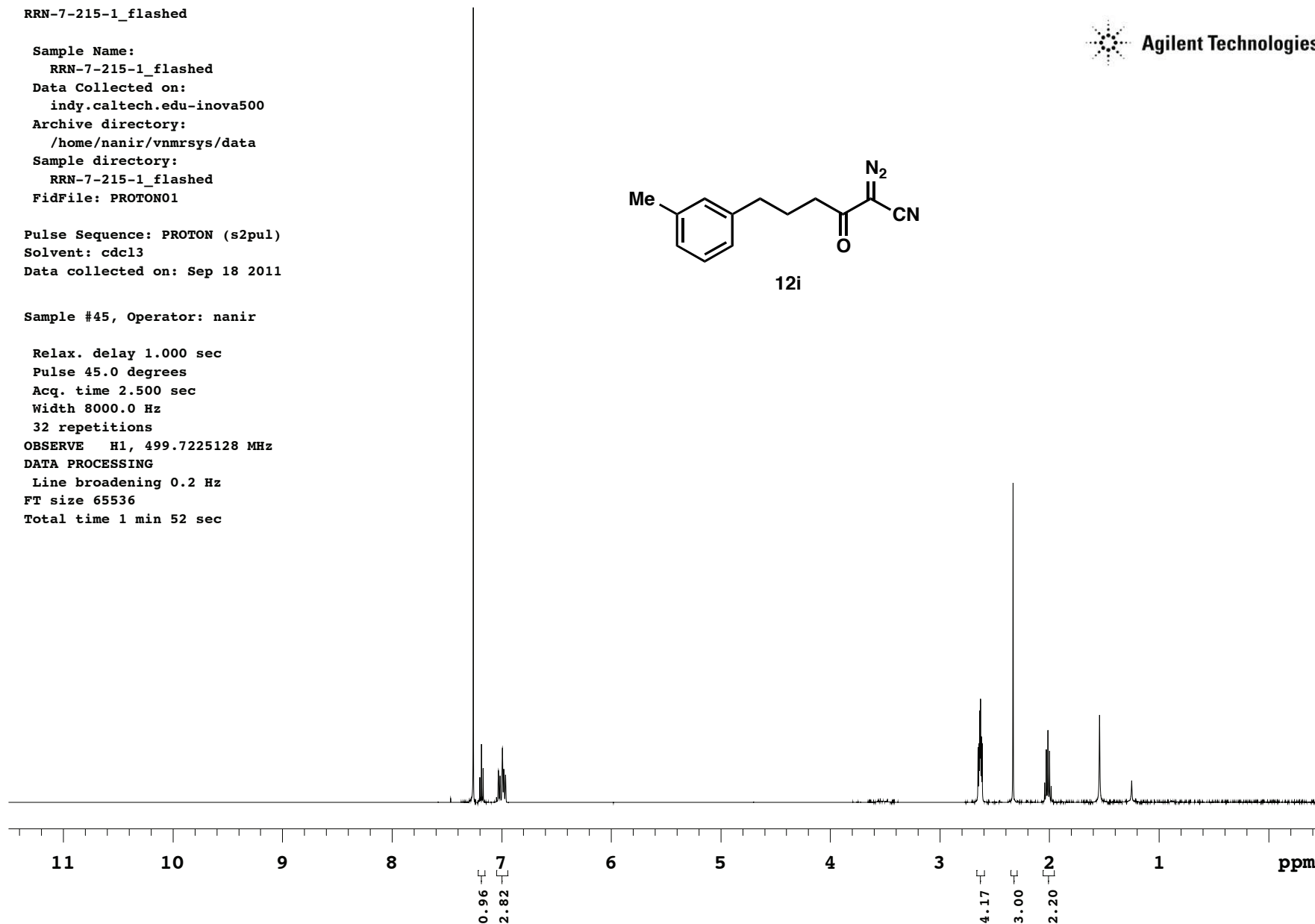
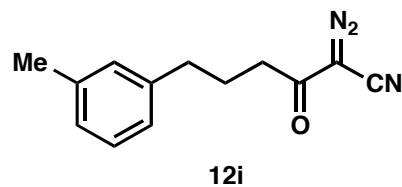
RRN-7-215-1_flashed

Sample Name:
RRN-7-215-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-215-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Sep 18 2011

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225128 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 52 sec



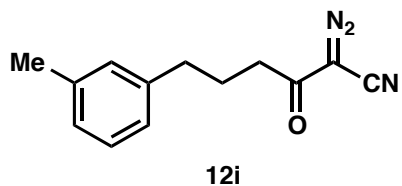
Plotname: --Not assigned--

Sample Name:
RRN-7-215-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-215-13C_II
FidFile: CARBON01

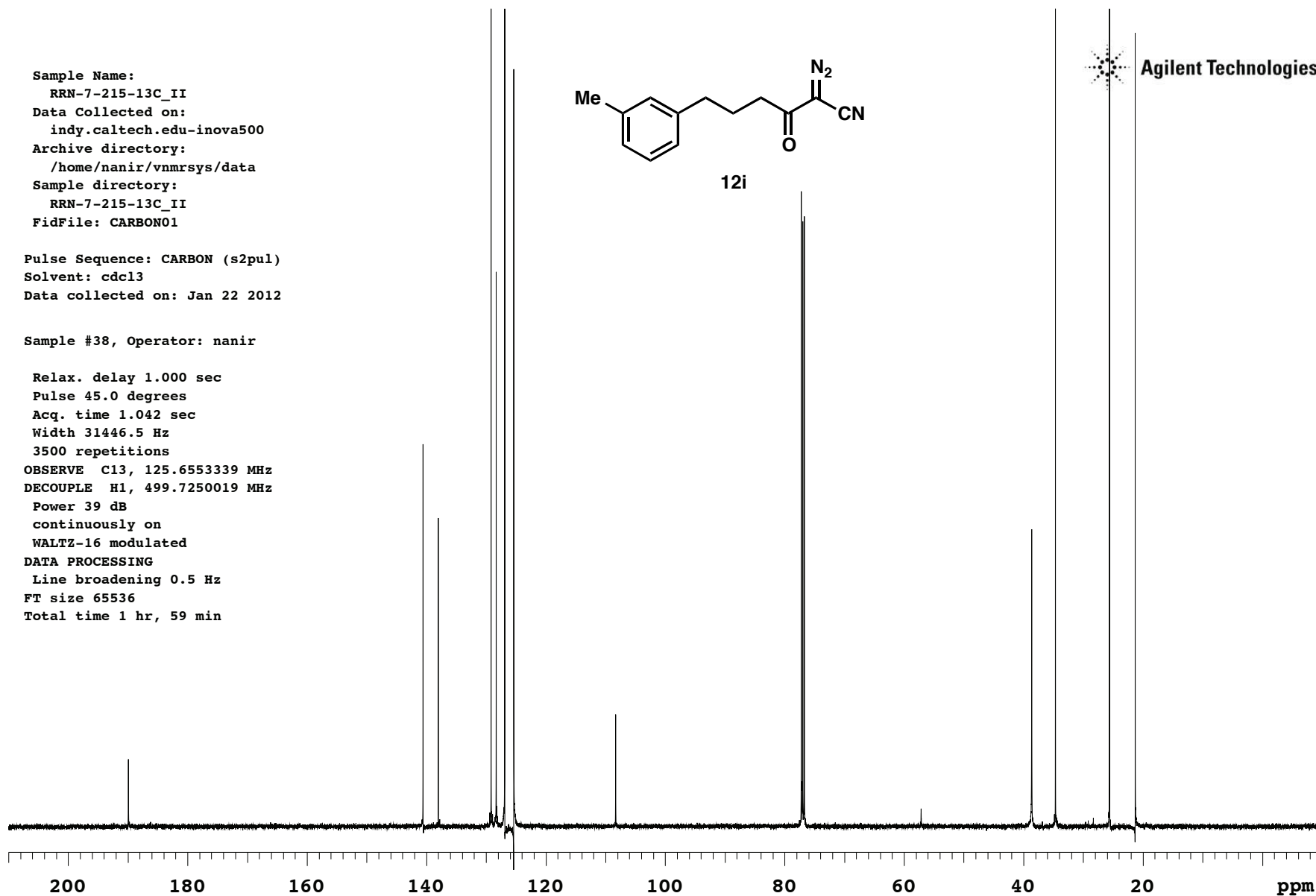
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 22 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
3500 repetitions
OBSERVE C13, 125.6553339 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 1 hr, 59 min



Agilent Technologies



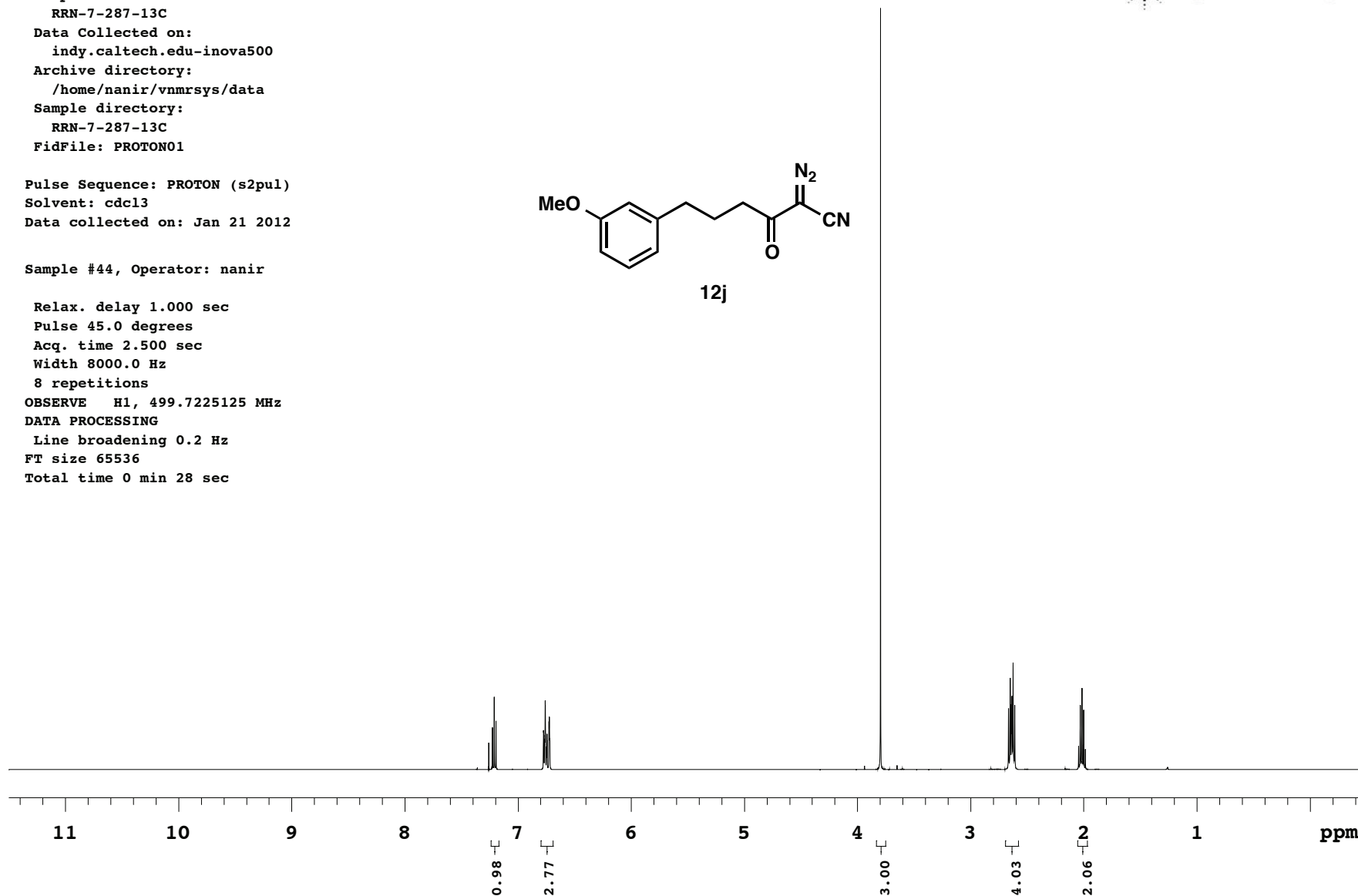
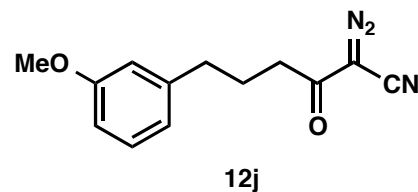
Plotname: --Not assigned--

Sample Name:
RRN-7-287-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-287-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jan 21 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



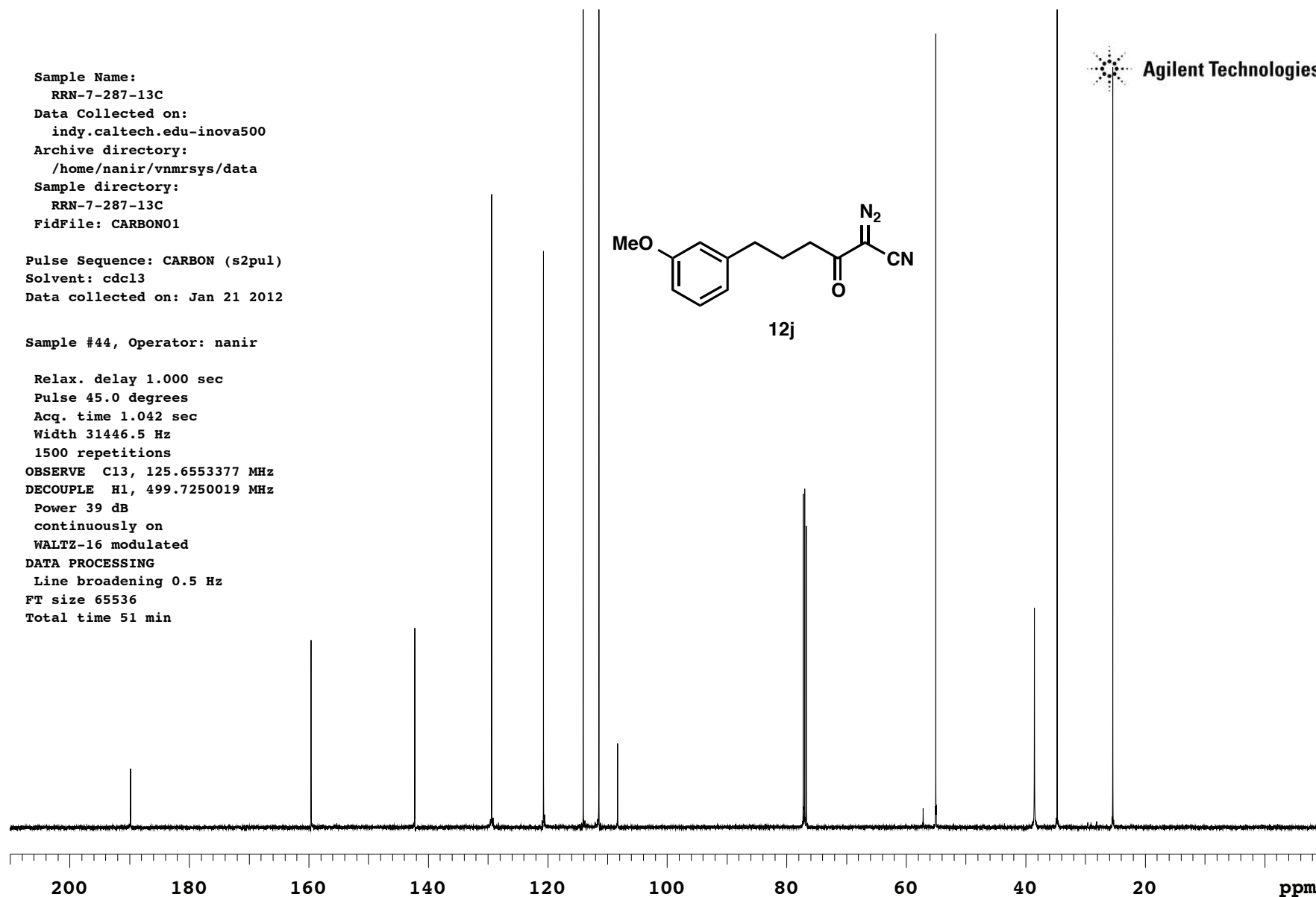
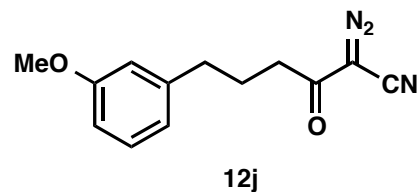
Plotname: --Not assigned--

Sample Name:
RRN-7-287-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-287-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 21 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1500 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 51 min



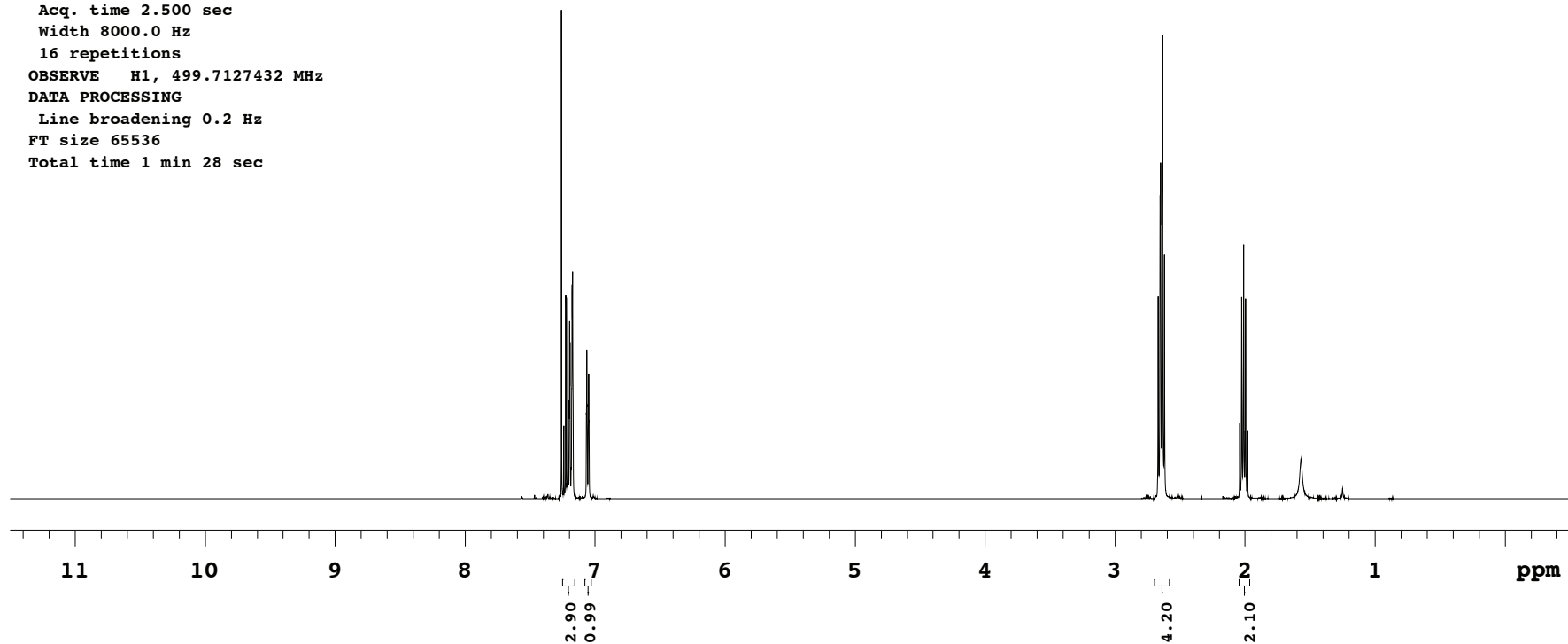
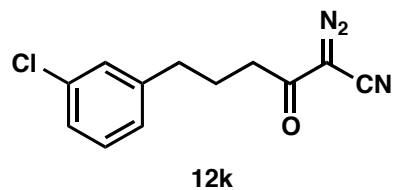
Plotname: --Not assigned--

Sample Name:
RRN-9-209-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-209-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 9 2012

Sample #37, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127432 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec

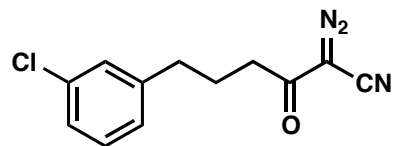


Sample Name:
RRN-9-209-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-209-13C
FidFile: CARBON01

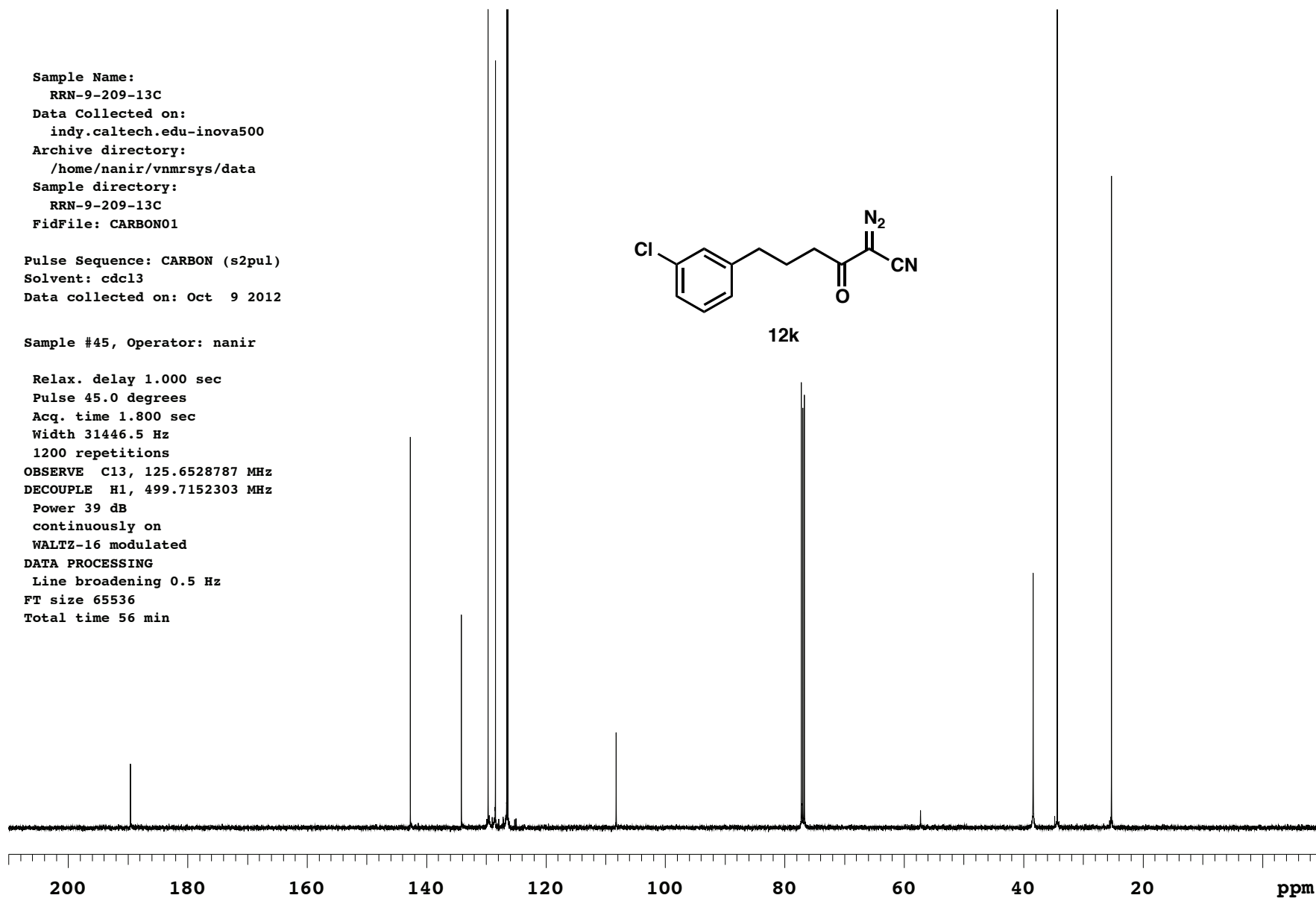
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 9 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528787 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



12k

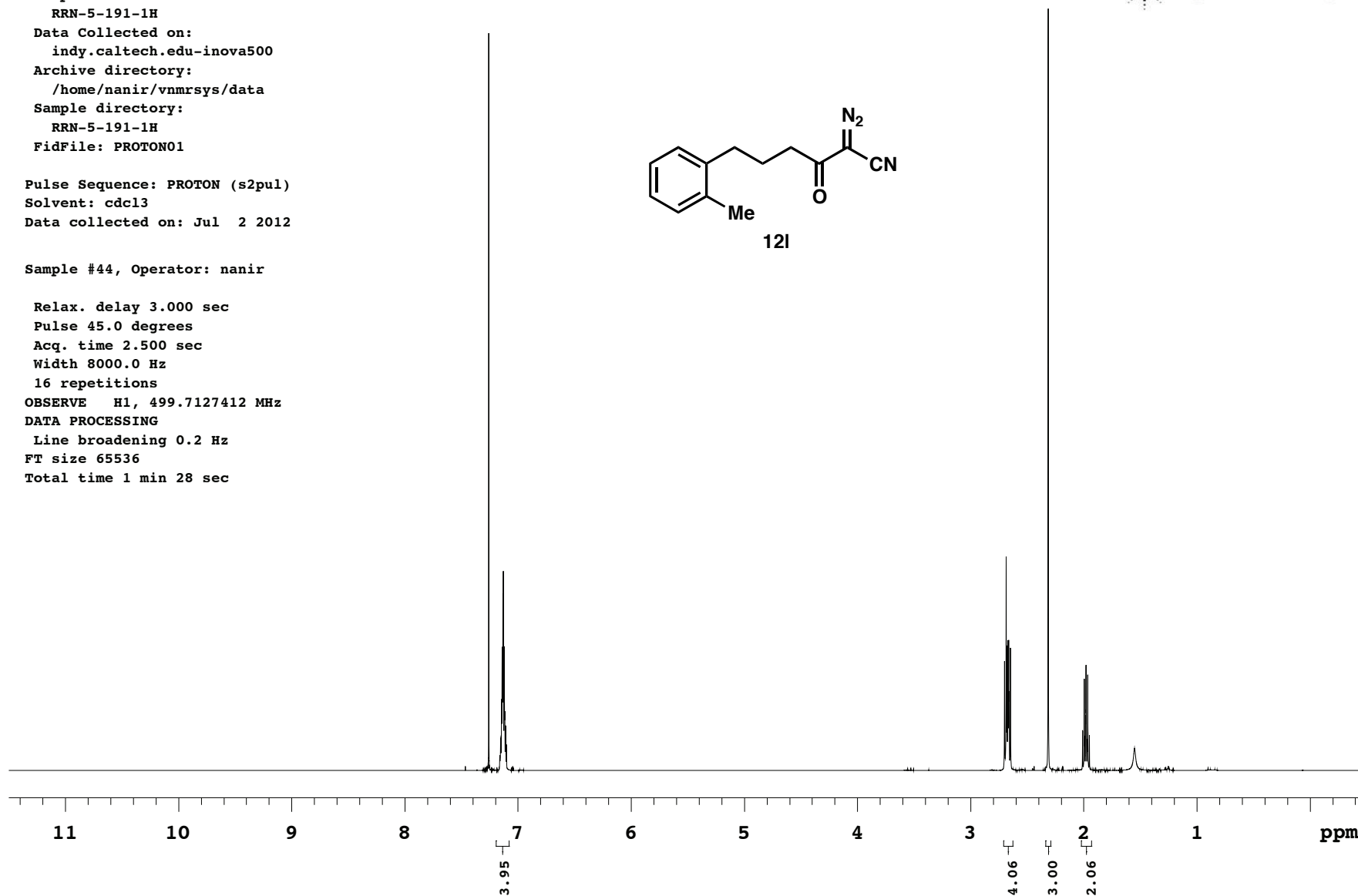
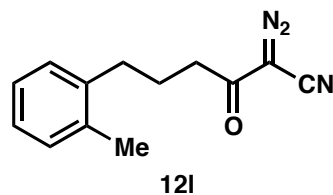


Sample Name:
RRN-5-191-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-5-191-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jul 2 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127412 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



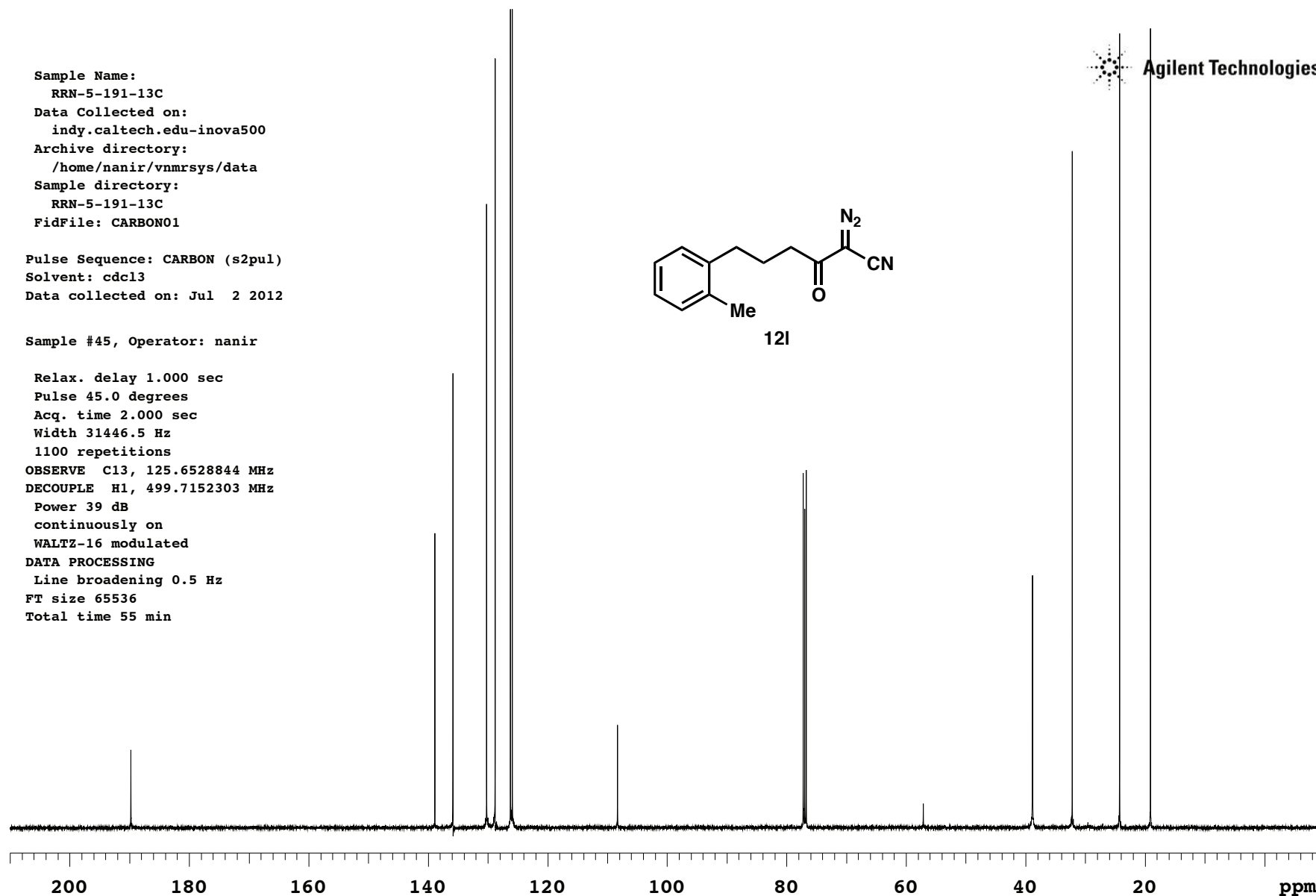
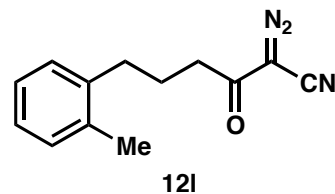
Plotname: --Not assigned--

Sample Name:
RRN-5-191-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-5-191-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jul 2 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
1100 repetitions
OBSERVE C13, 125.6528844 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 55 min



Plotname: --Not assigned--

RRN-7-289-1_flashed

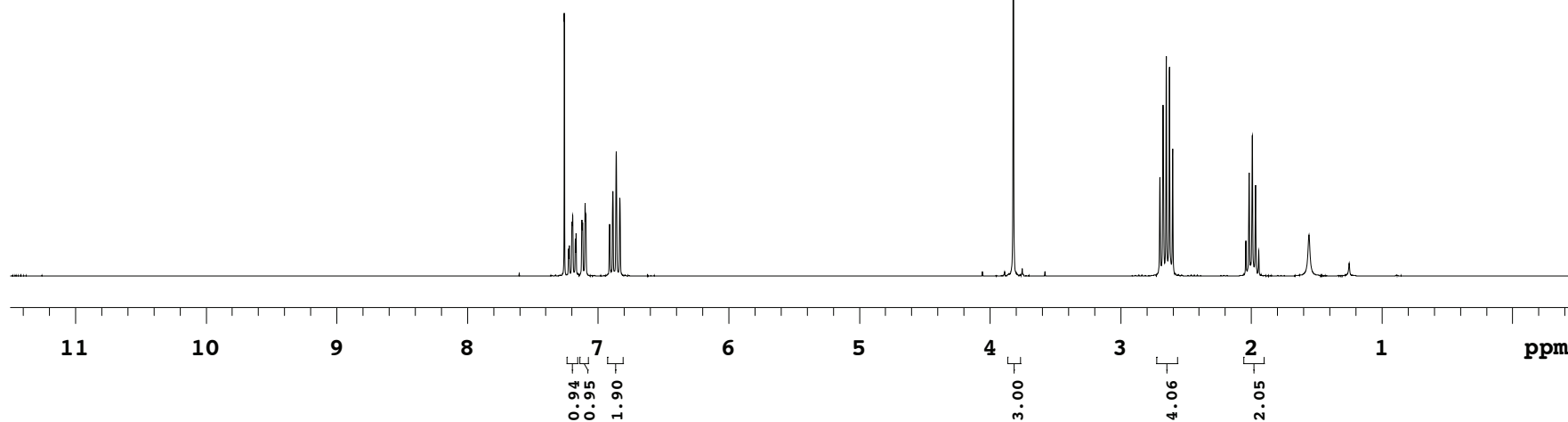
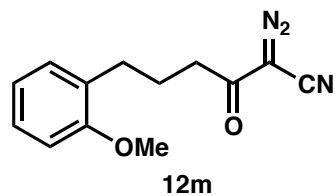


Sample Name:
RRN-7-289-1_flashed
Data Collected on:
hg3.caltech.edu-mercury300
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-289-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 22 2011

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 3.000 sec
Width 4798.5 Hz
32 repetitions
OBSERVE H1, 300.0862591 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 32768
Total time 2 min 11 sec



Plotname: --Not assigned--



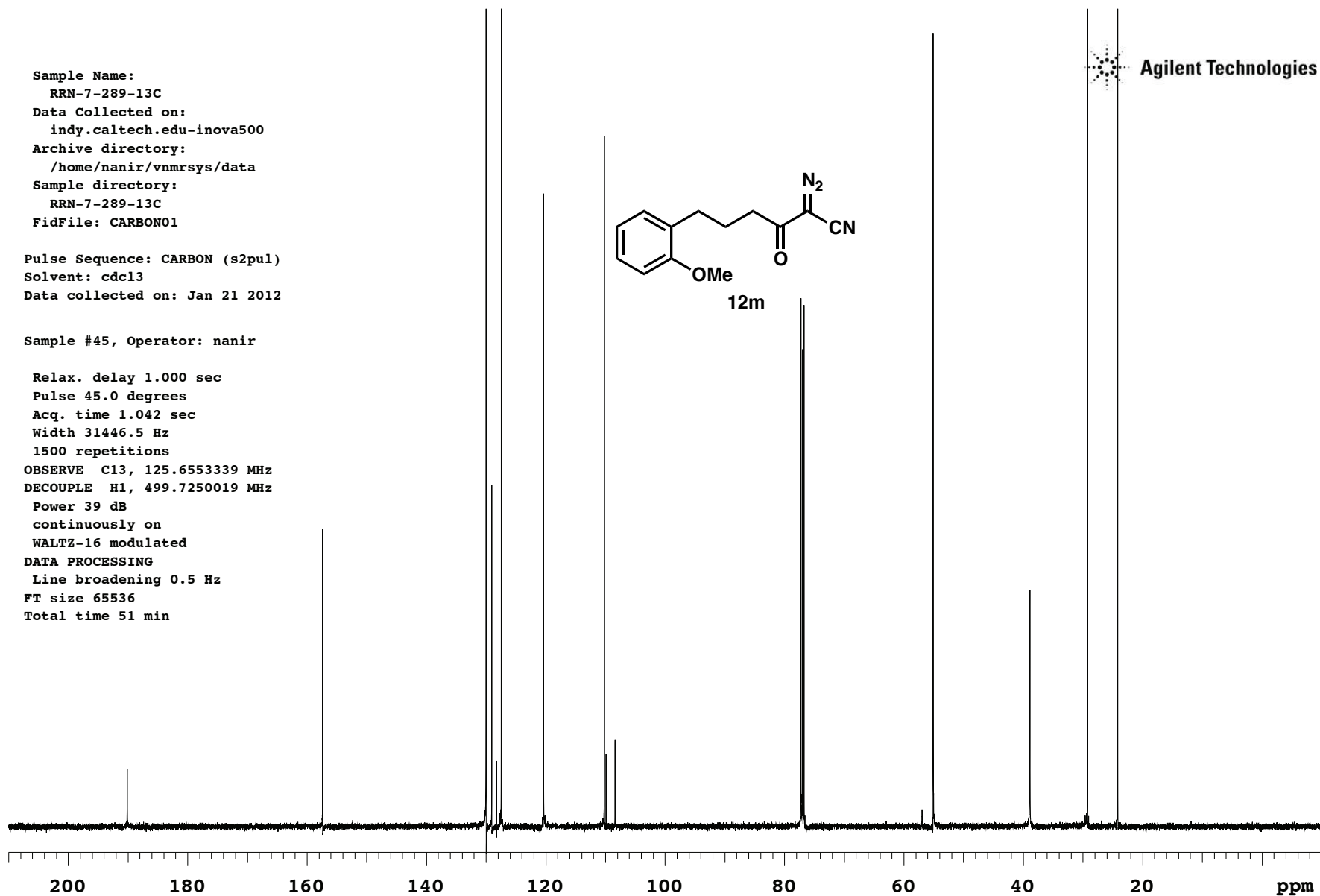
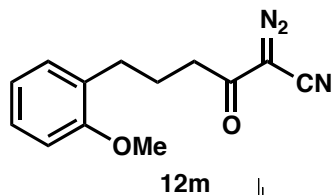
Agilent Technologies

Sample Name:
RRN-7-289-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-289-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 21 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1500 repetitions
OBSERVE C13, 125.6553339 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 51 min



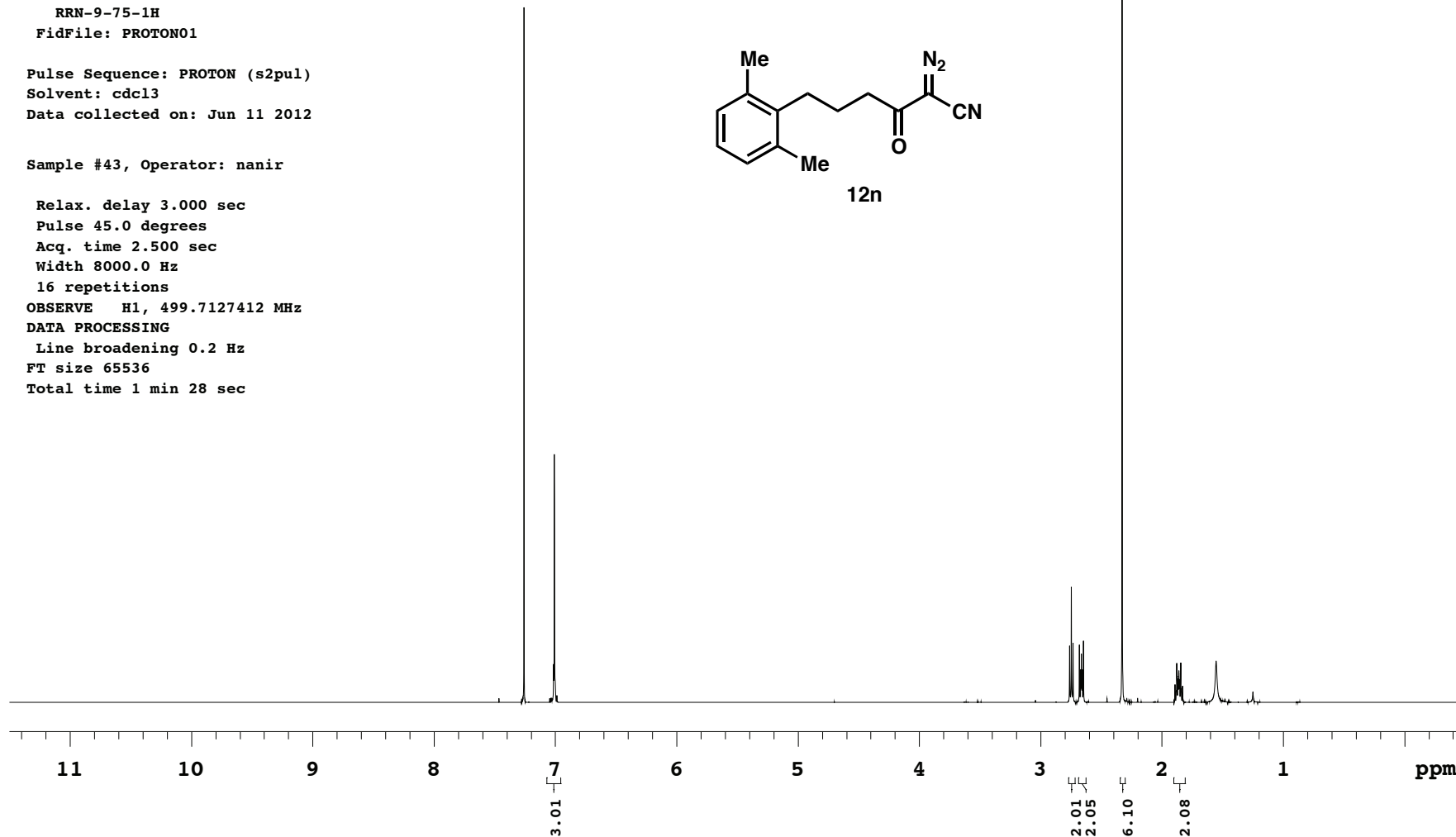
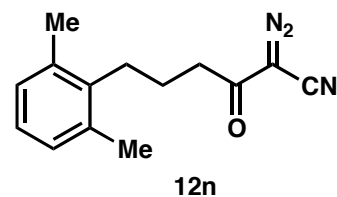
Plotname: --Not assigned--

Sample Name:
RRN-9-75-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-75-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 11 2012

Sample #43, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127412 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



Plotname: --Not assigned--



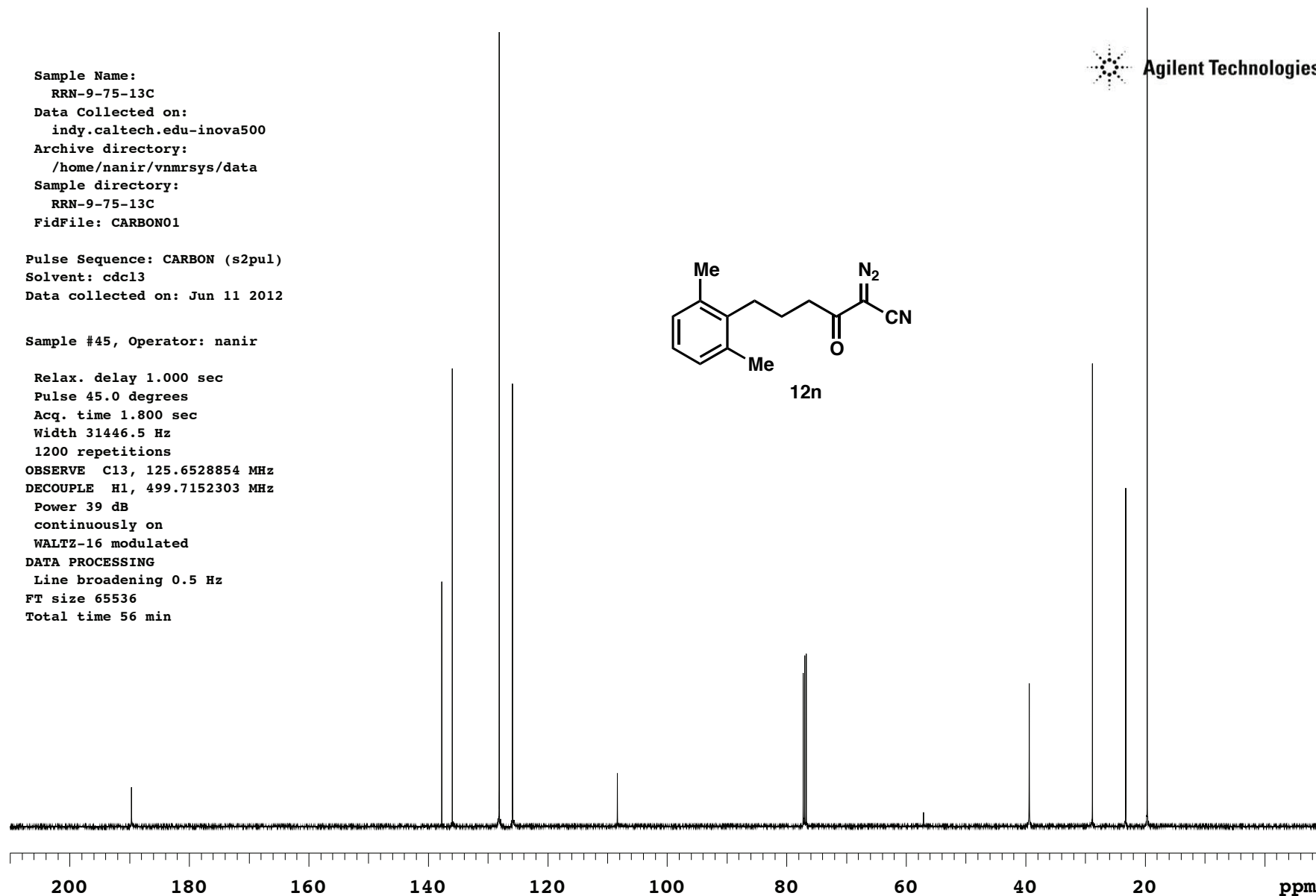
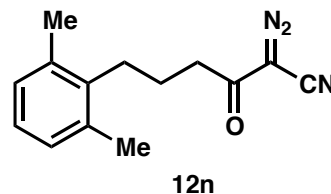
Agilent Technologies

Sample Name:
RRN-9-75-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-75-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 11 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528854 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



Plotname: --Not assigned--

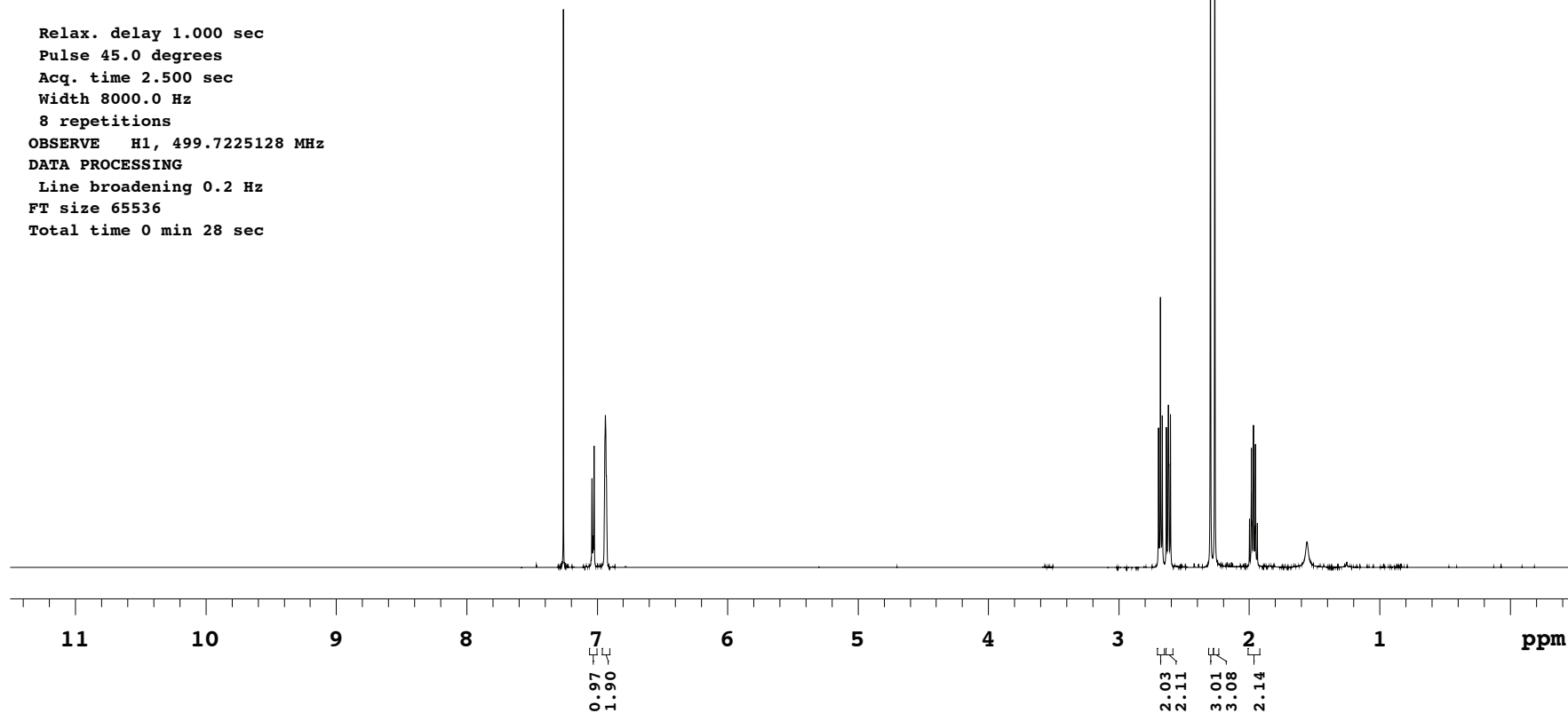
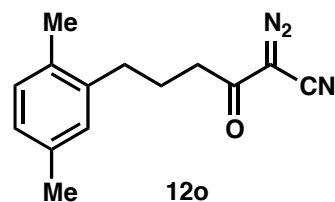
RRN-7-217-1_flashed

Sample Name:
RRN-7-217-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-217-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Sep 18 2011

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225128 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec

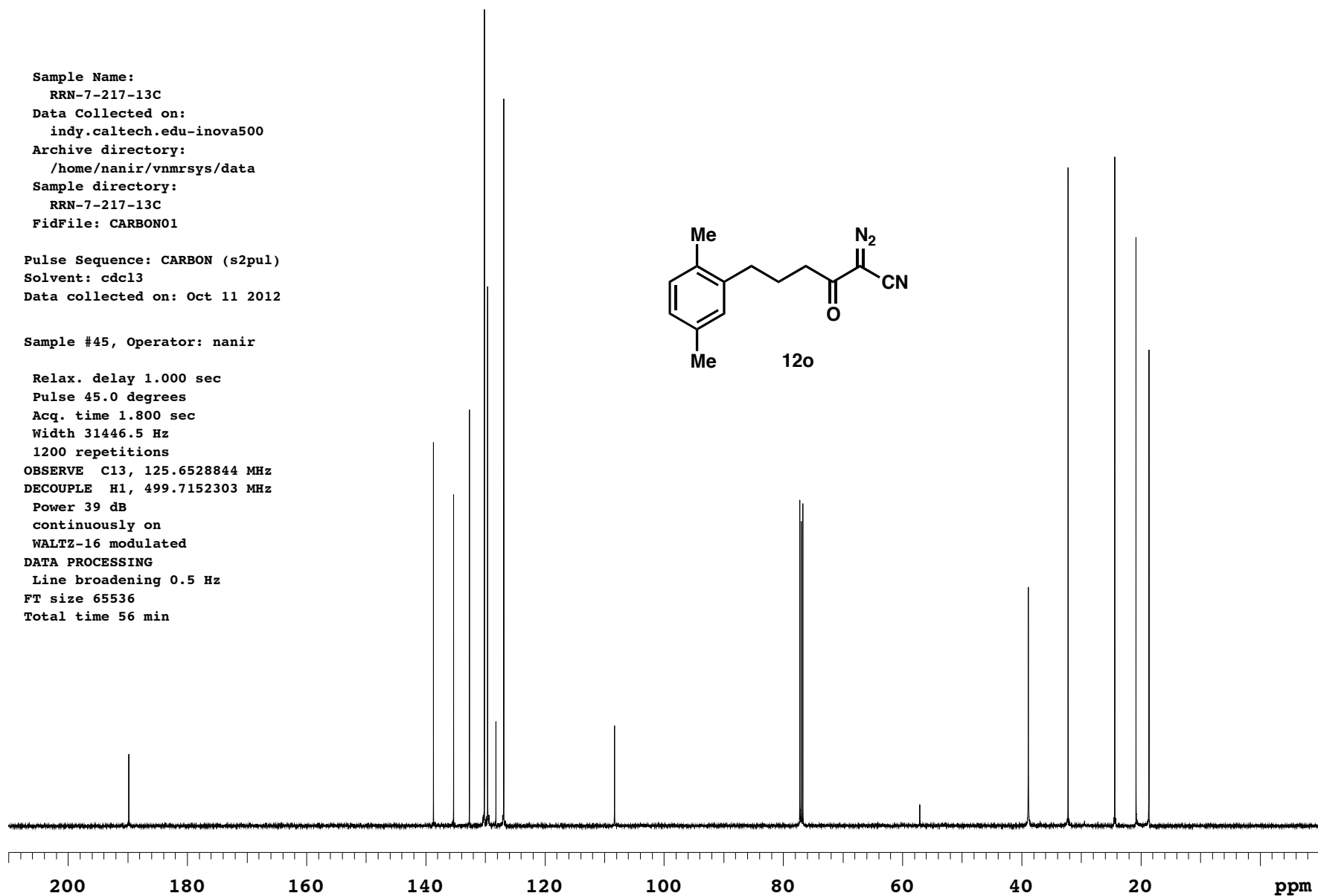
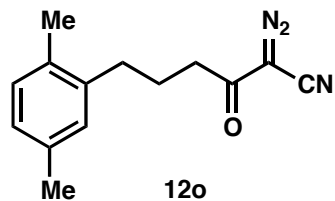


Sample Name:
RRN-7-217-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-217-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 11 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528844 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min

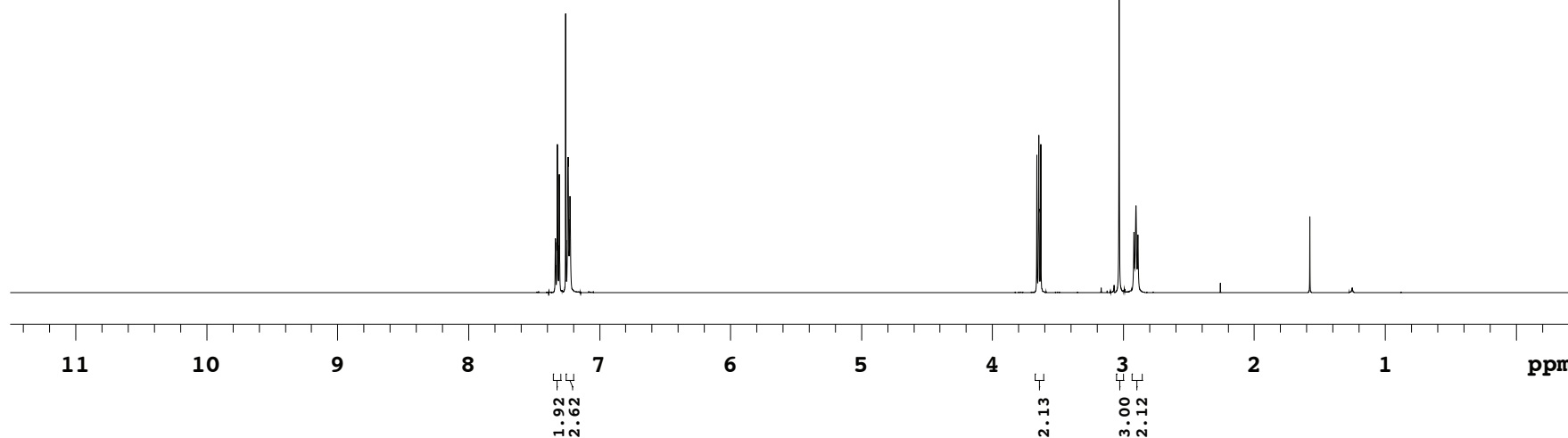
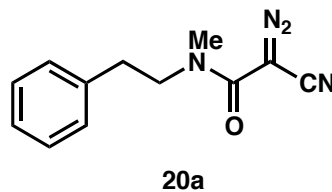


Sample Name:
RRN-5-257-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-5-257-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 2 2012

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



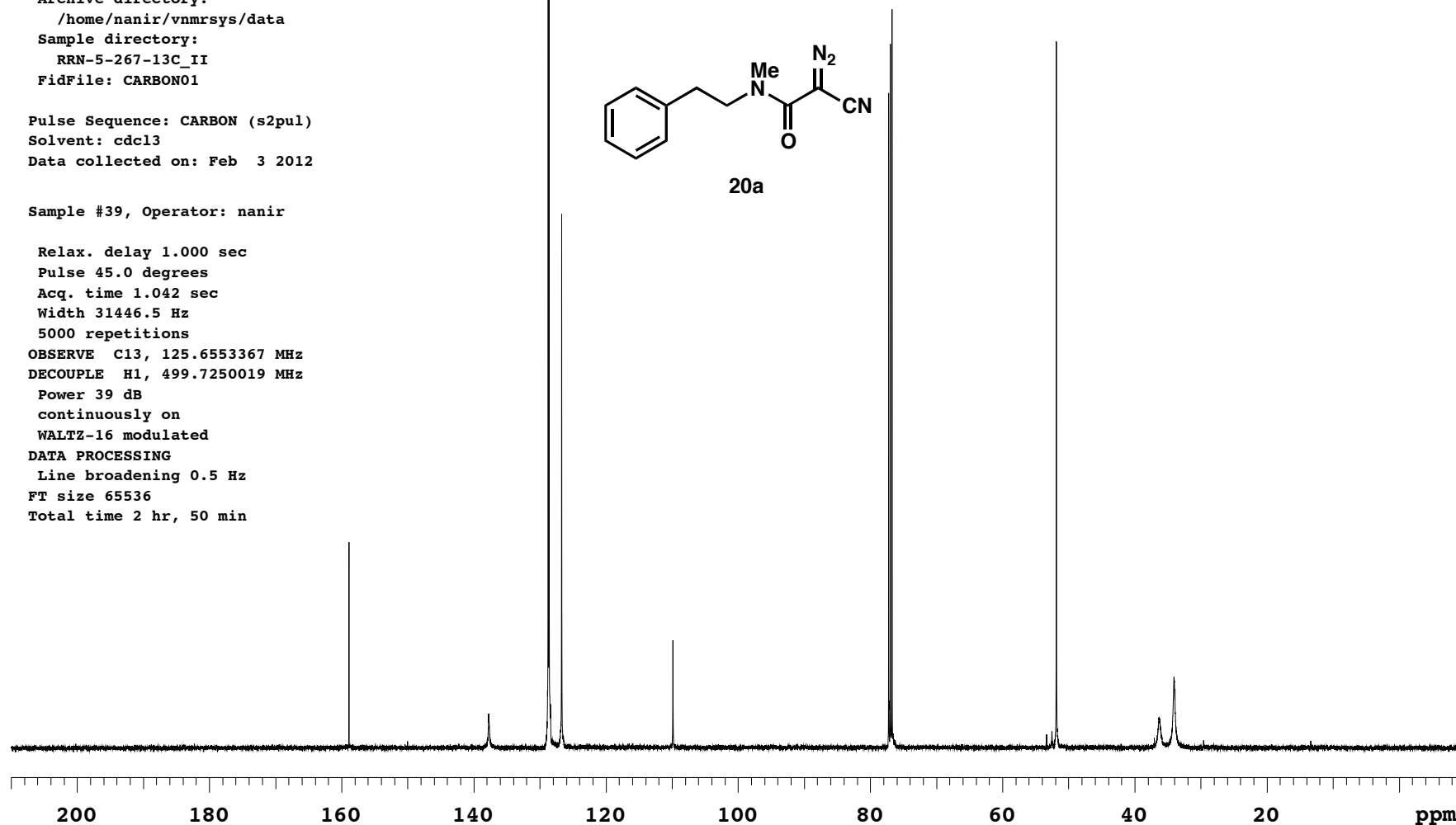
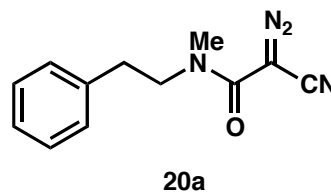
Plotname: --Not assigned--

Sample Name:
RRN-5-267-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-5-267-13C_II
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 3 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
5000 repetitions
OBSERVE C13, 125.6553367 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 2 hr, 50 min



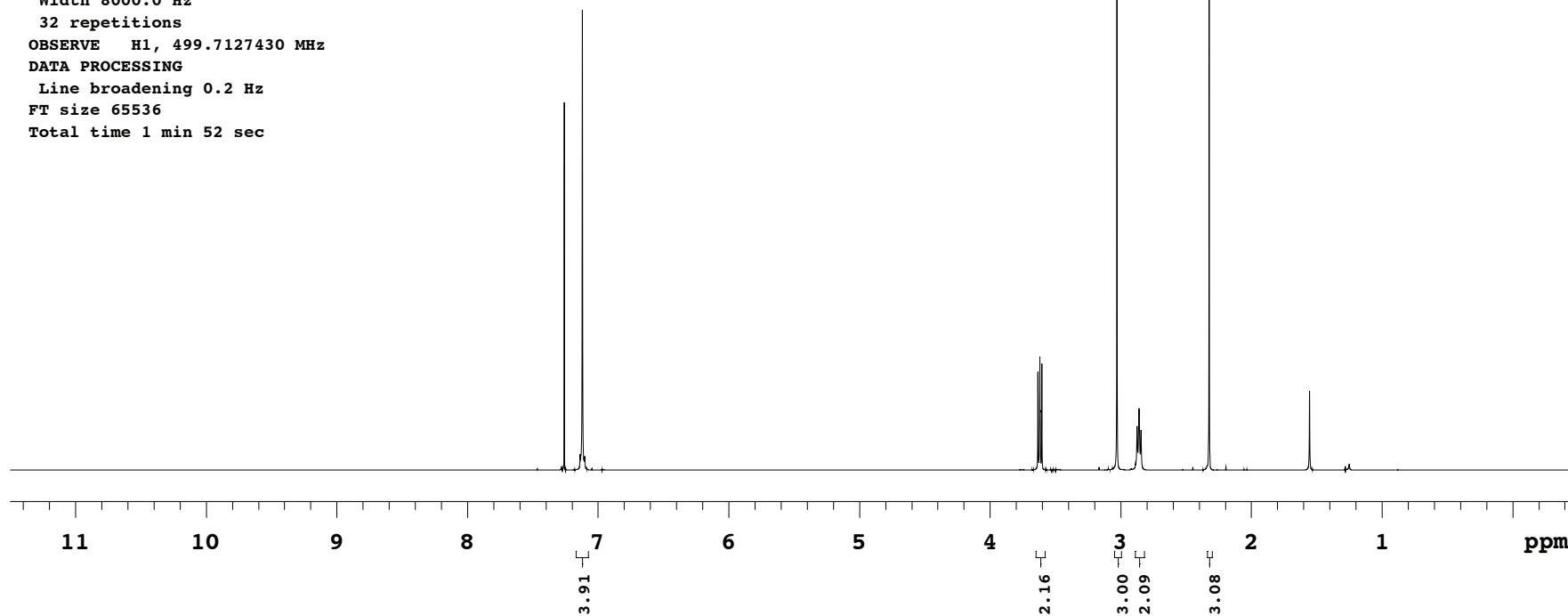
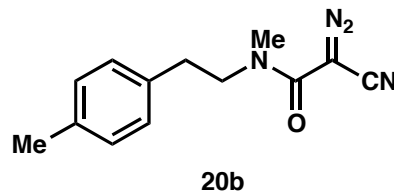
Plotname: --Not assigned--

Sample Name:
RRN-9-157-2_HVAC_check
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-157-2_HVAC_check
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 29 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7127430 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 52 sec

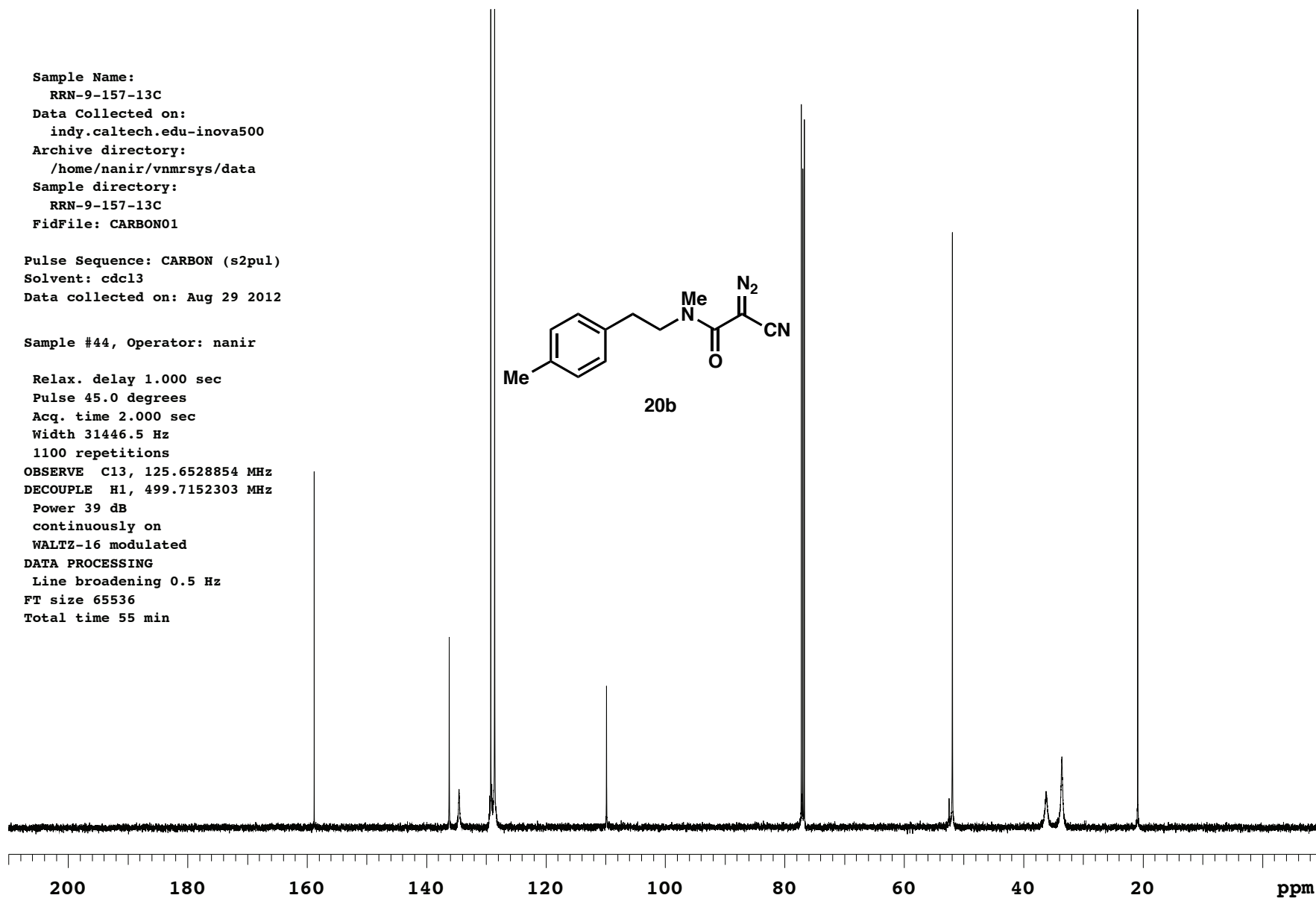
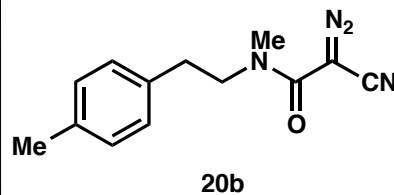


Sample Name:
RRN-9-157-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-157-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 29 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
1100 repetitions
OBSERVE C13, 125.6528854 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 55 min

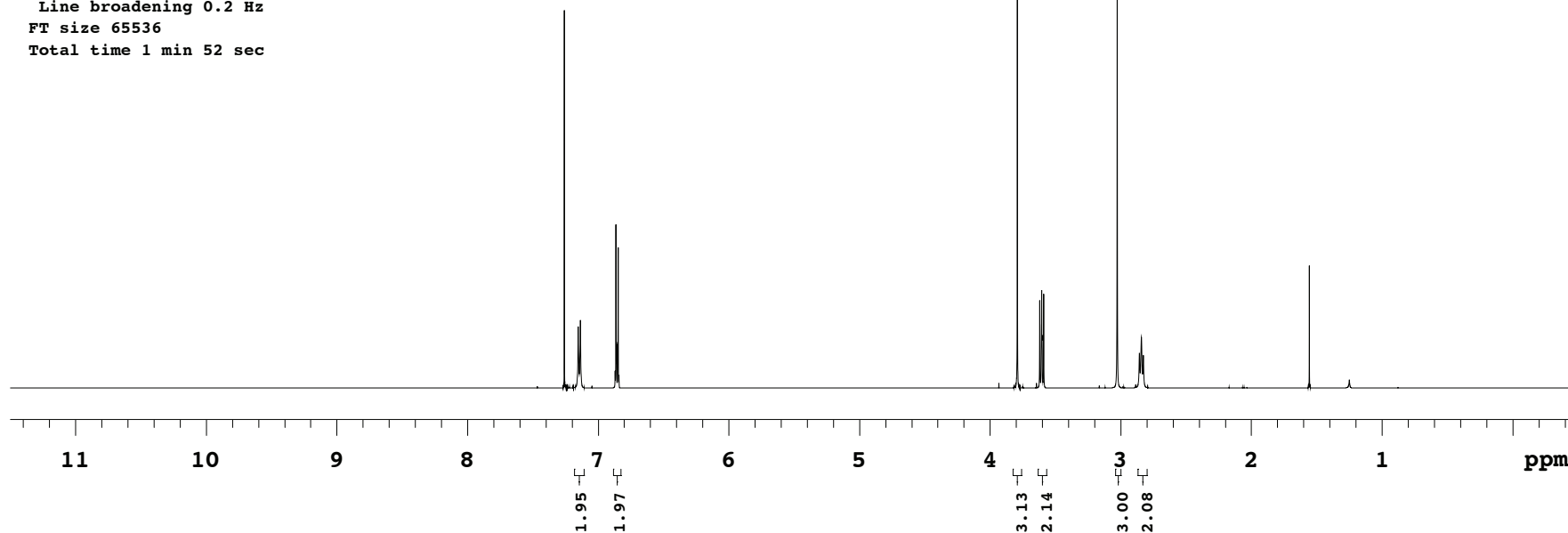
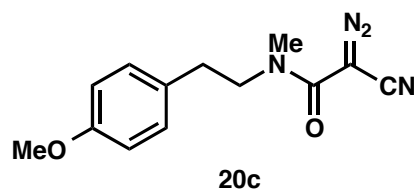


Sample Name:
RRN-7-23-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-23-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 2 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 52 sec



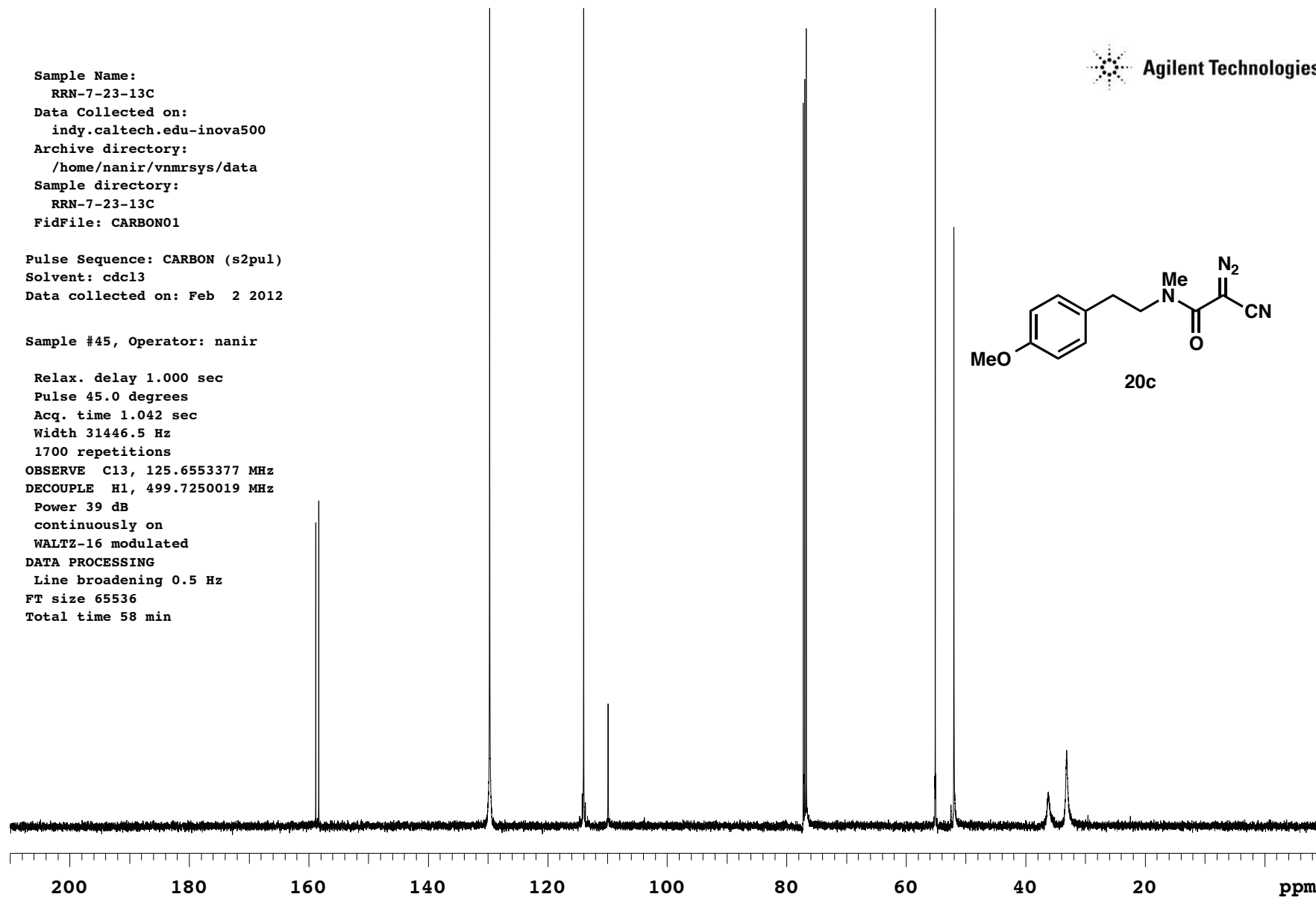
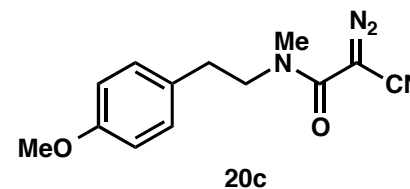
Plotname: --Not assigned--

Sample Name:
RRN-7-23-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-23-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 2 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1700 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 58 min



Plotname: --Not assigned--

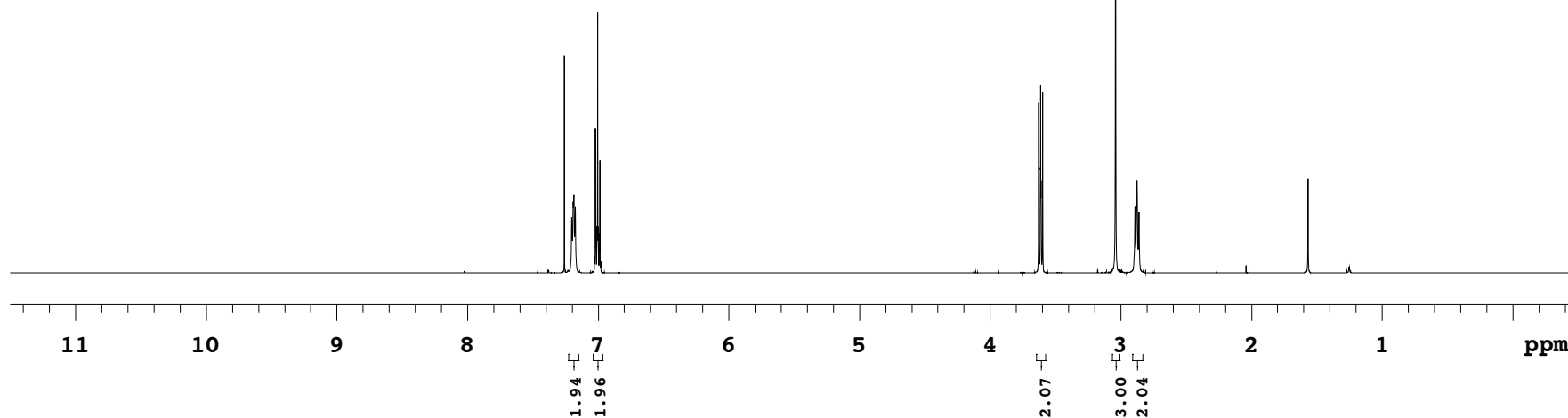
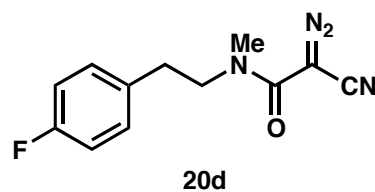
RRN-6-219-1_flashed

Sample Name:
RRN-6-219-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-219-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: May 25 2011

Temp. 25.0 C / 298.1 K
Sample #45, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7290203 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 44 sec



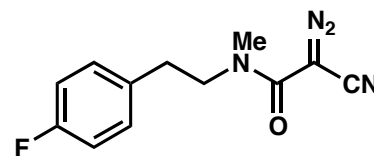
Plotname: --Not assigned--

Sample Name:
RRN-6-219-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-219-13C
FidFile: CARBON01

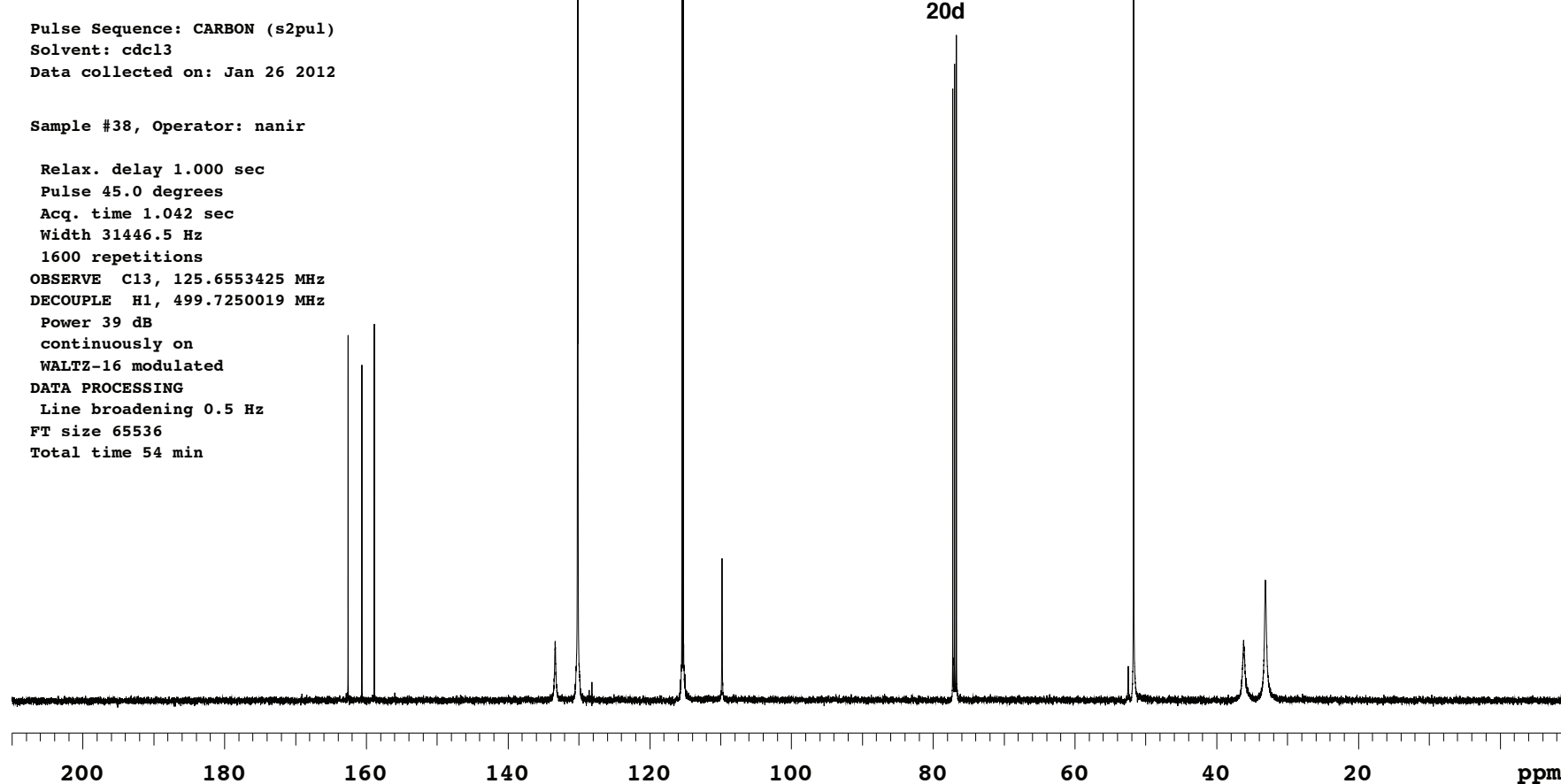
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 26 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6553425 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 54 min

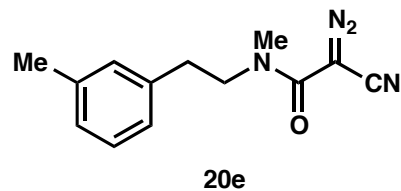


20d



Plotname: --Not assigned--

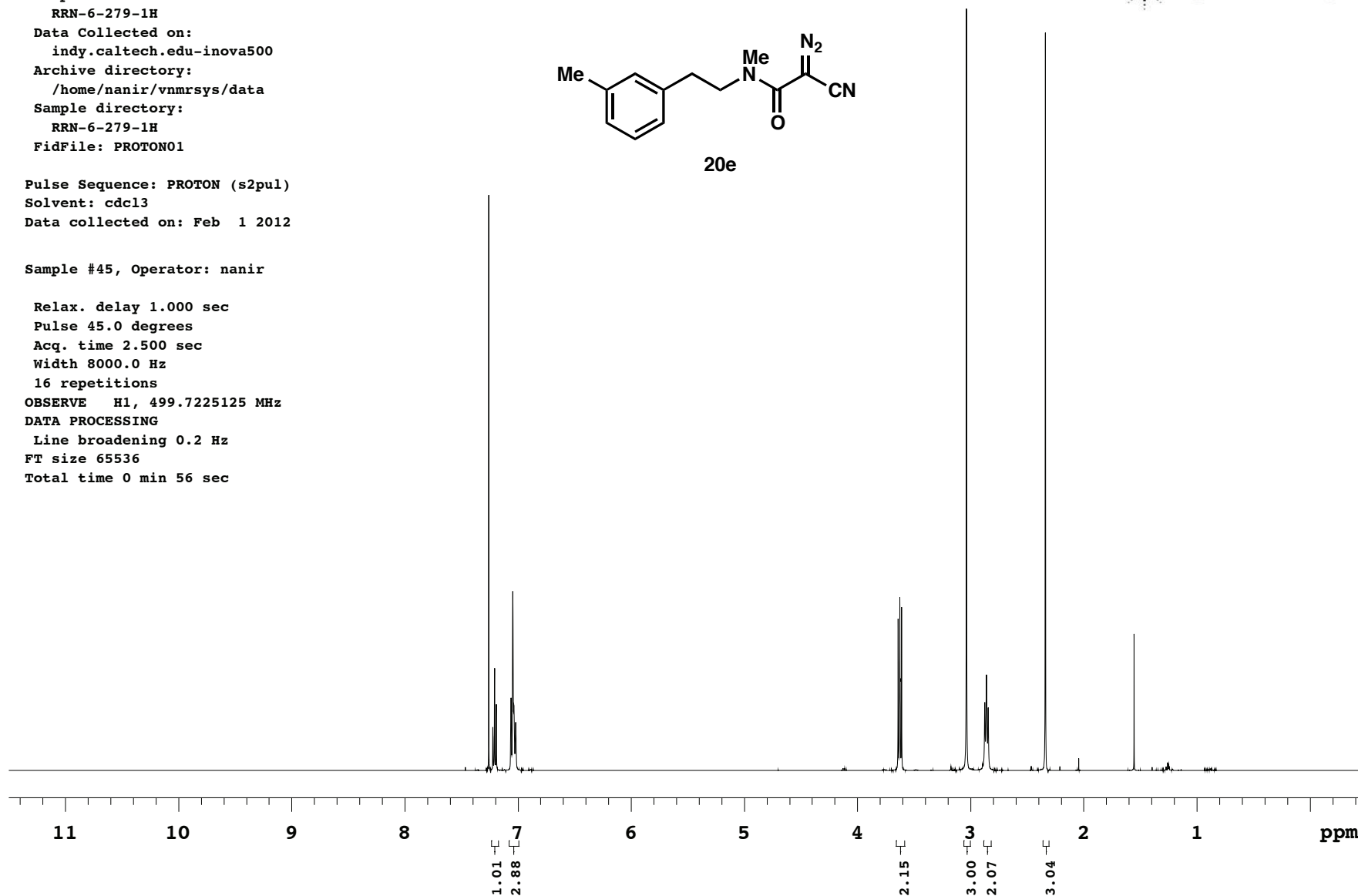
Sample Name:
RRN-6-279-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-279-1H
FidFile: PROTON01



Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 1 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



Plotname: --Not assigned--



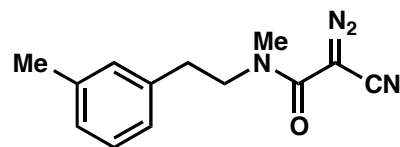
Agilent Technologies

Sample Name:
RRN-6-279-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-279-13C
FidFile: CARBON01

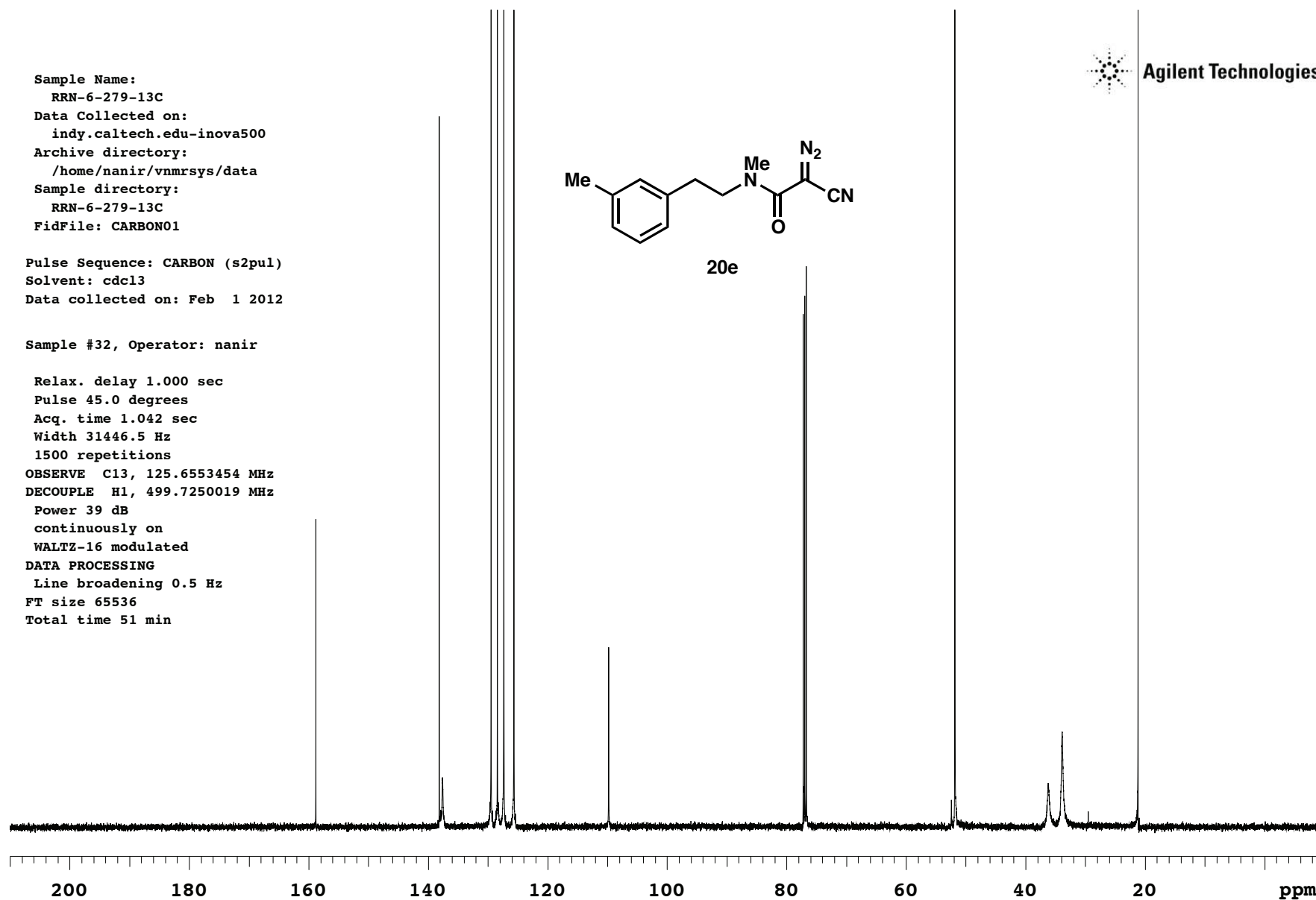
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 1 2012

Sample #32, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1500 repetitions
OBSERVE C13, 125.6553454 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 51 min



20e



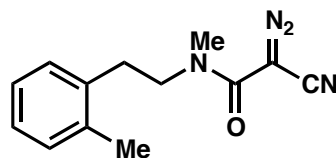
Plotname: --Not assigned--

Sample Name:
RRN-6-251-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-251-1H
FidFile: PROTON01

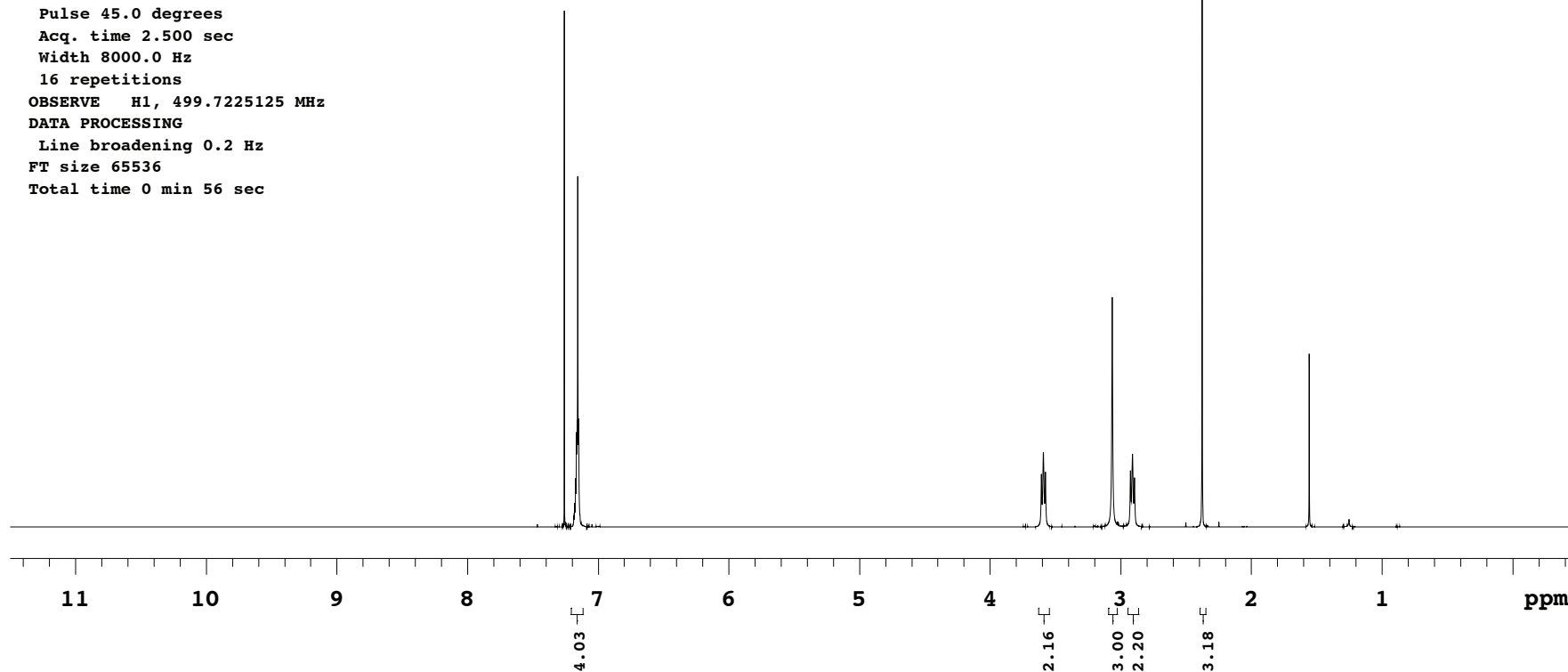
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 1 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



20f



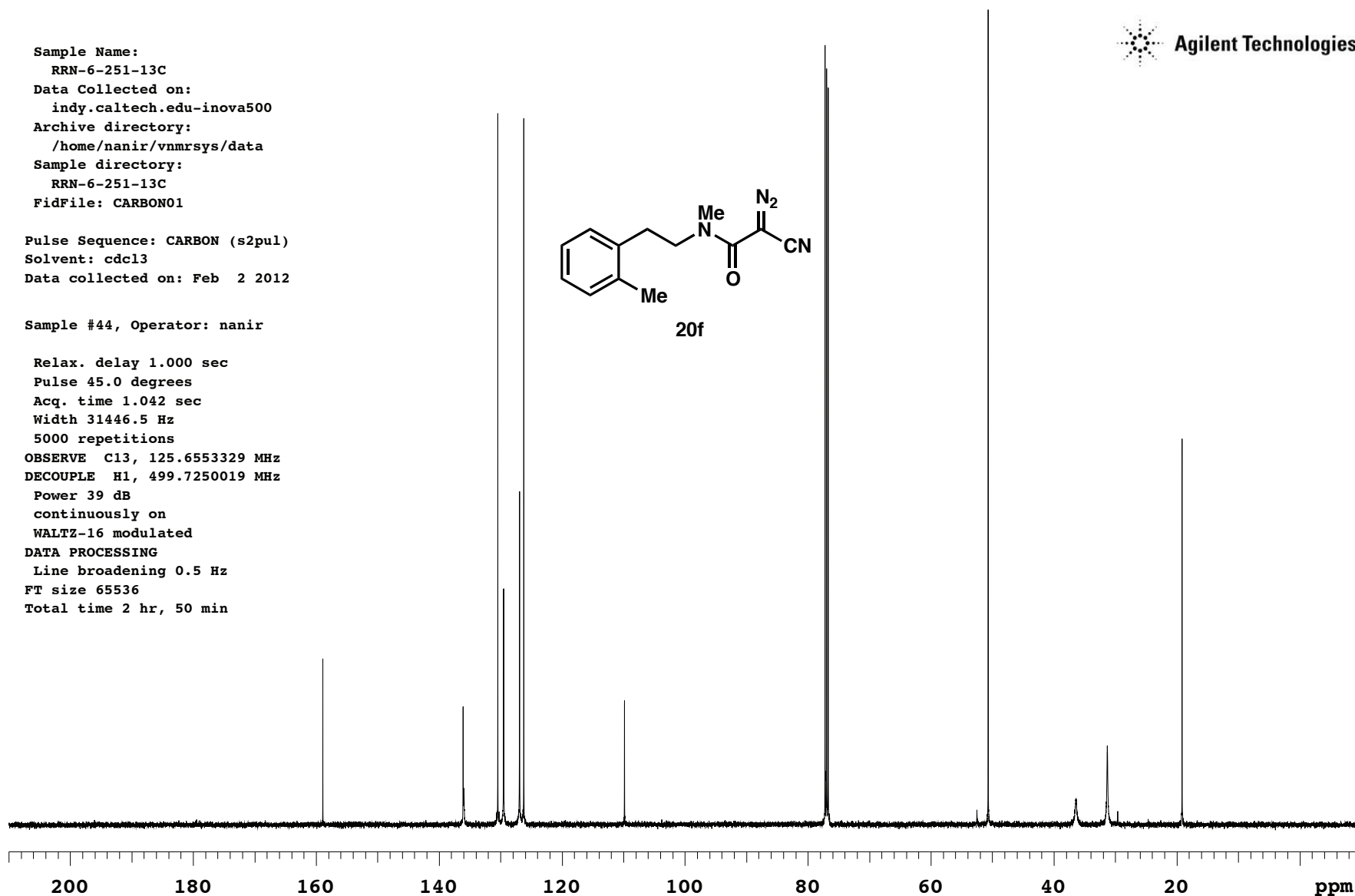
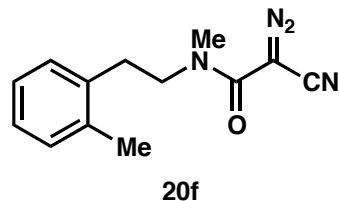
Plotname: --Not assigned--

Sample Name:
RRN-6-251-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-251-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 2 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
5000 repetitions
OBSERVE C13, 125.6553329 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 2 hr, 50 min



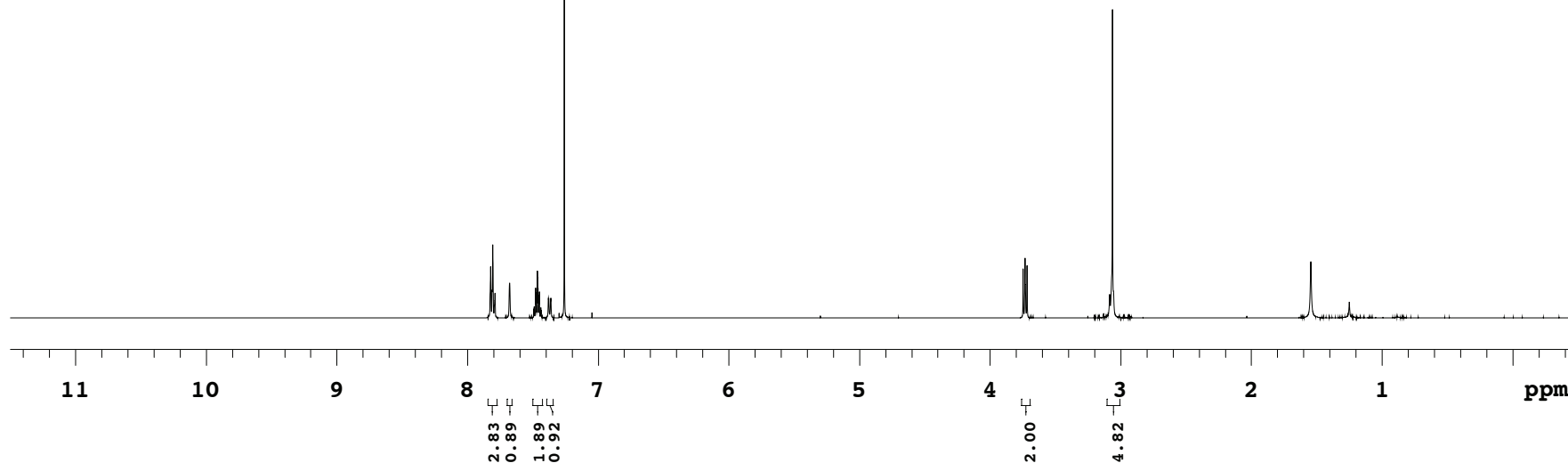
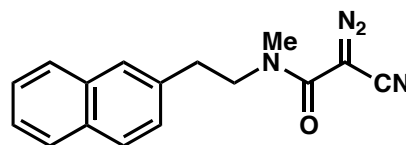
Plotname: --Not assigned--

Sample Name:
RRN-6-205-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-205-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jan 25 2012

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



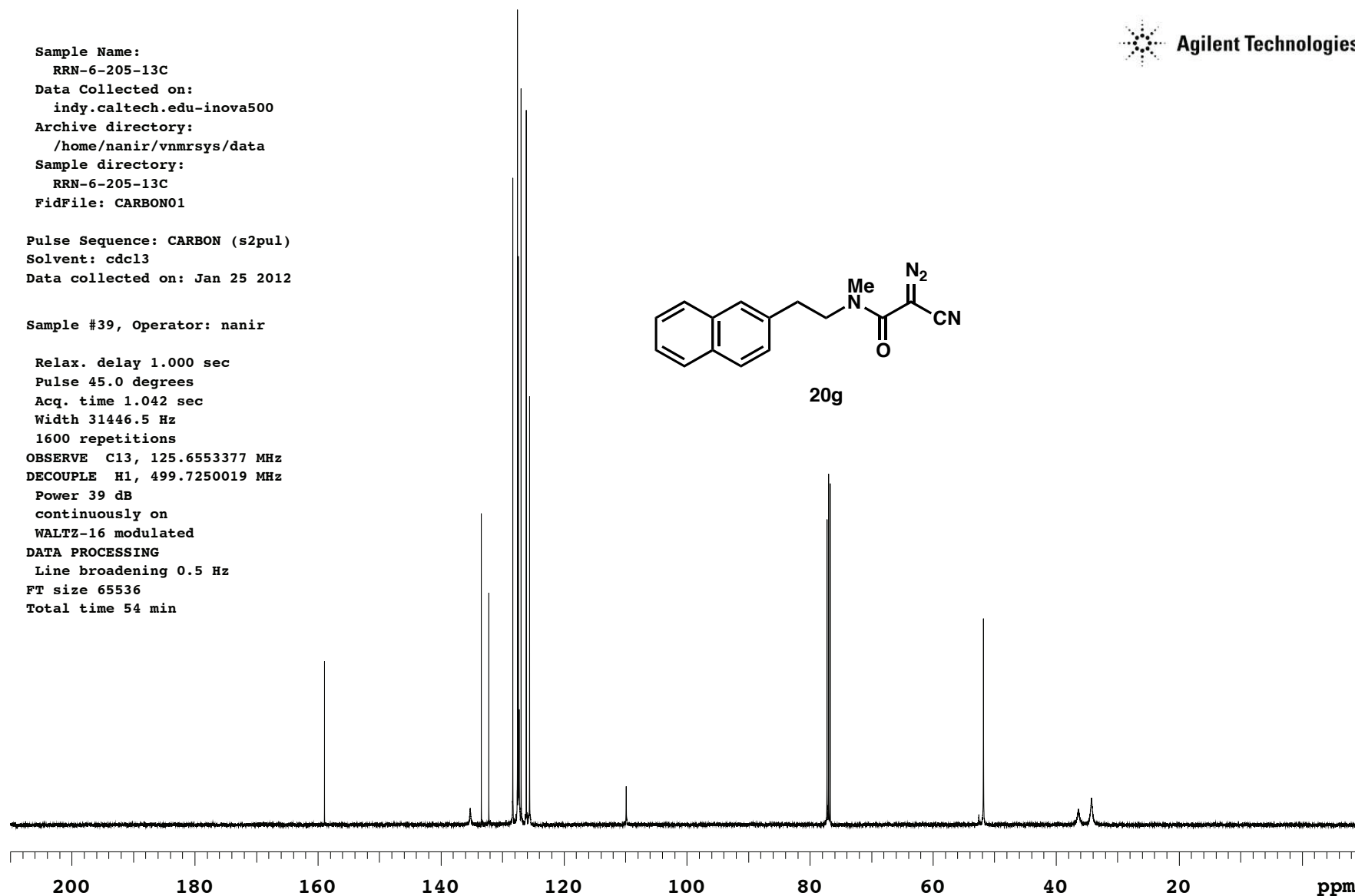
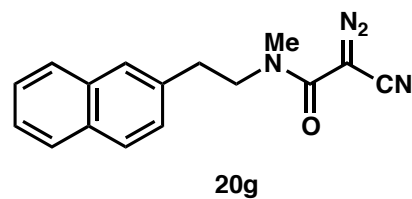
Plotname: --Not assigned--

Sample Name:
RRN-6-205-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-6-205-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 25 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 54 min



Plotname: --Not assigned--

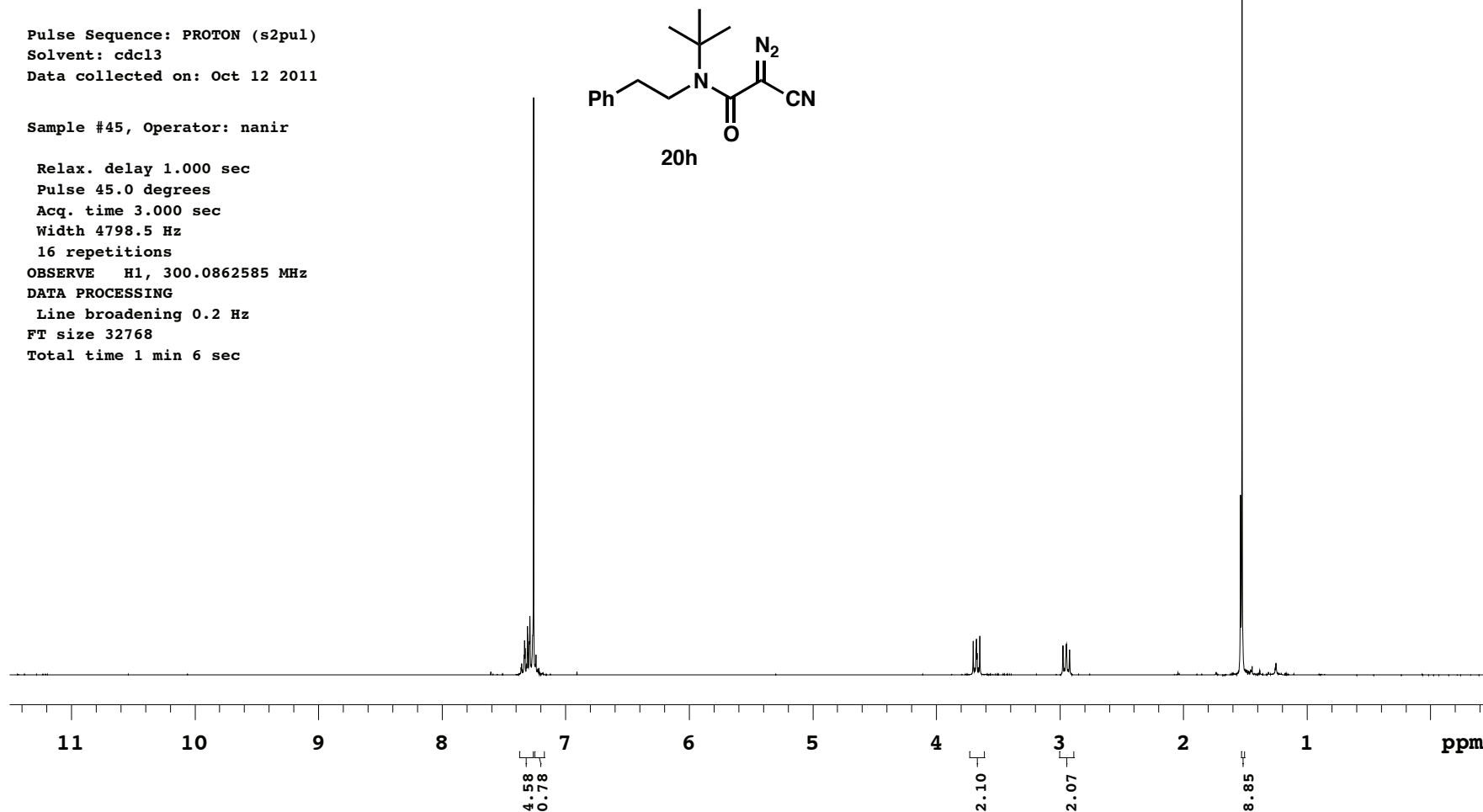
RRN-7-255-1_flashed

Sample Name:
RRN-7-255-1_flashed
Data Collected on:
hg3.caltech.edu-mercury300
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-255-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 12 2011

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 3.000 sec
Width 4798.5 Hz
16 repetitions
OBSERVE H1, 300.0862585 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 32768
Total time 1 min 6 sec



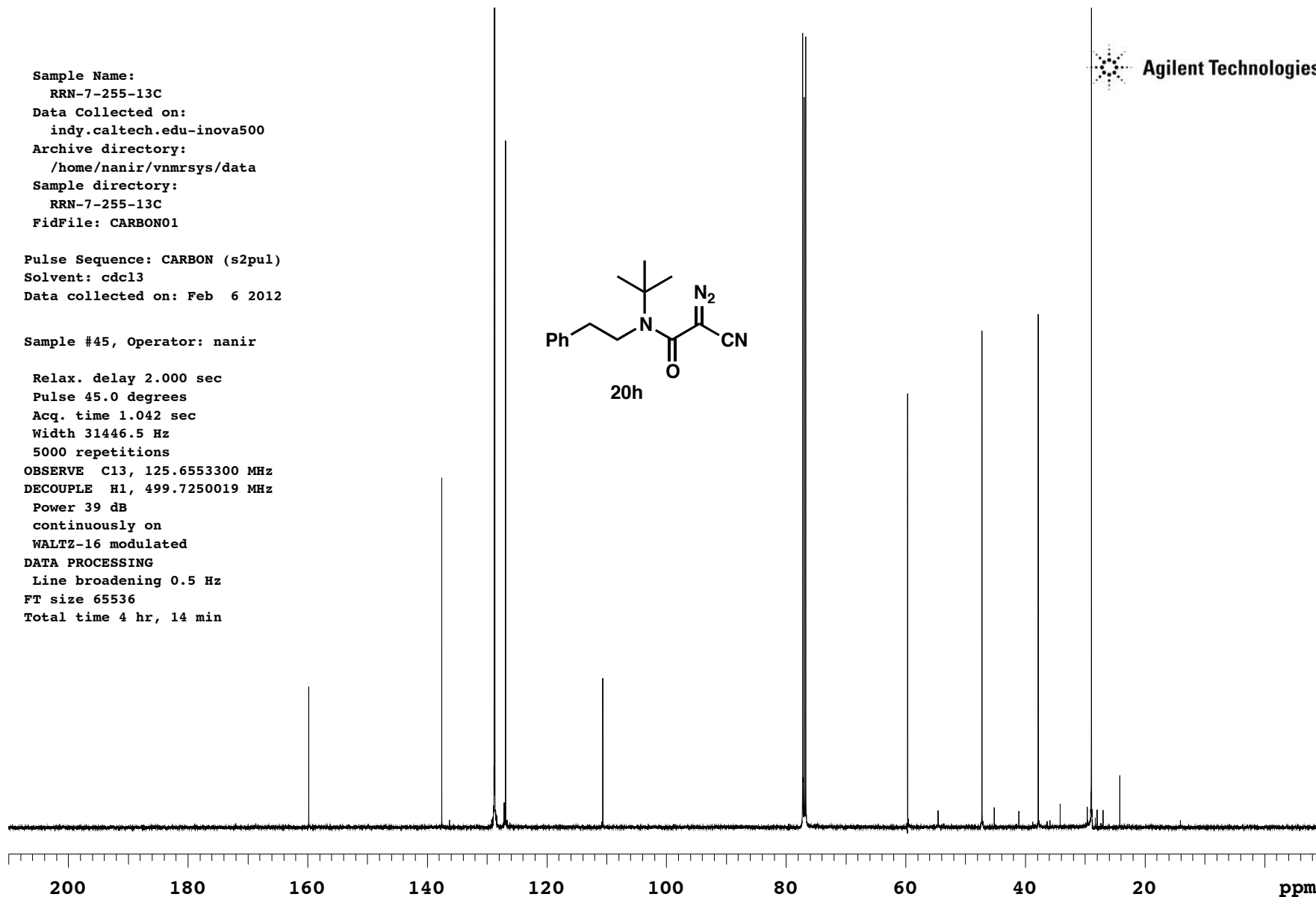
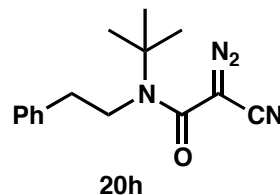
Plotname: --Not assigned--

Sample Name:
RRN-7-255-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-255-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 6 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
5000 repetitions
OBSERVE C13, 125.6553300 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 4 hr, 14 min



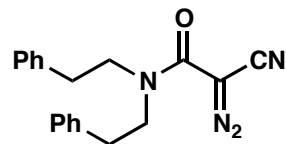
Plotname: --Not assigned--

RRN-7-55-1_flashed



Sample Name:
RRN-7-55-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-55-1_flashed
FidFile: PROTON01

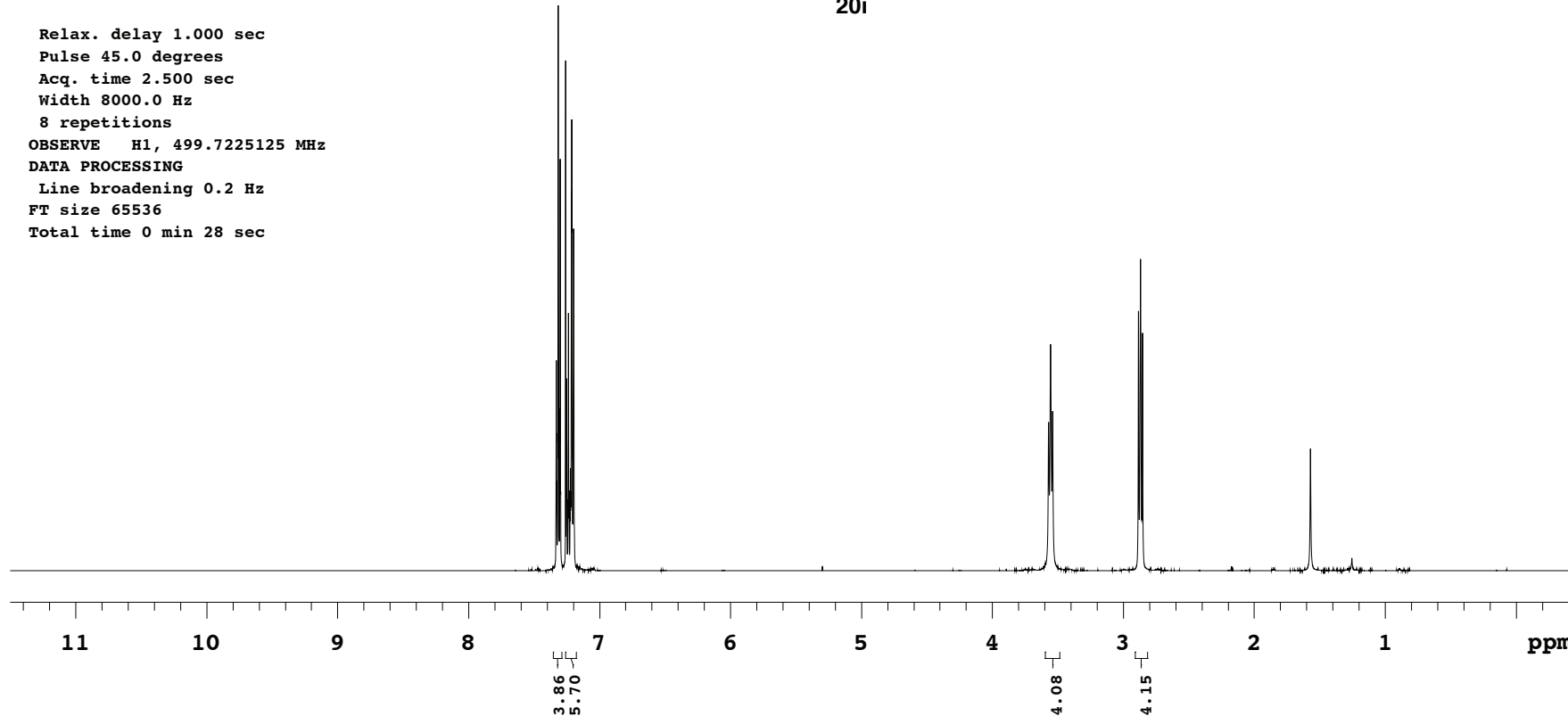
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jul 24 2011



20i

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



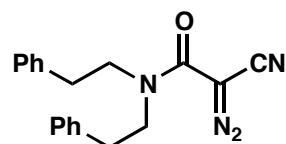
Plotname: --Not assigned--

Sample Name:
 RRN-7-55-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-7-55-13C
 FidFile: CARBON01

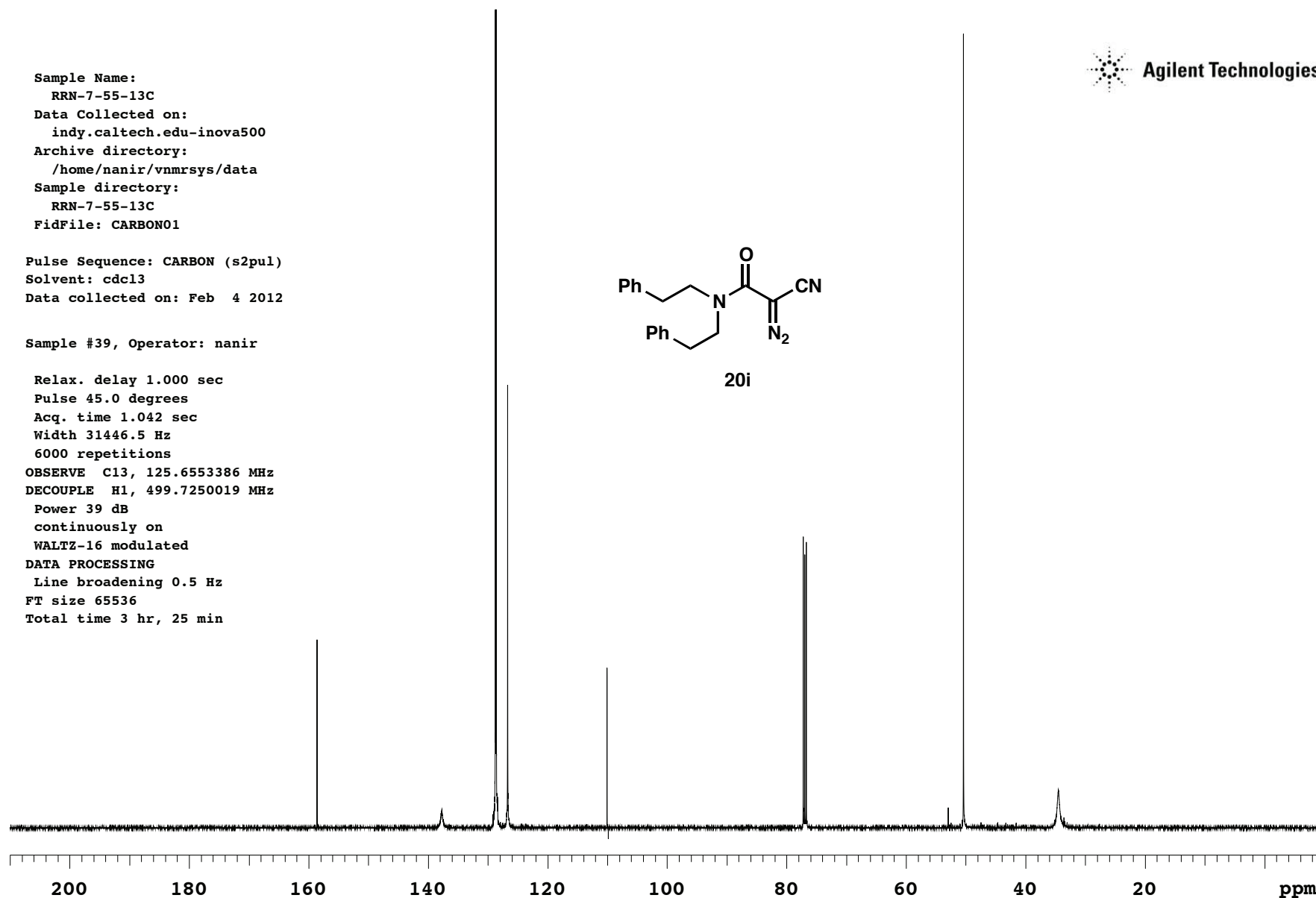
Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Feb 4 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.042 sec
 Width 31446.5 Hz
 6000 repetitions
 OBSERVE C13, 125.6553386 MHz
 DECOUPLE H1, 499.7250019 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 3 hr, 25 min



20i



Plotname: --Not assigned--

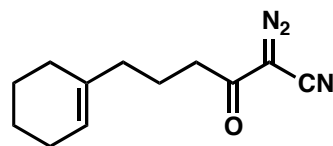
RRN-7-97-1_flashed

Sample Name:
RRN-7-97-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-97-1_flashed
FidFile: PROTON01

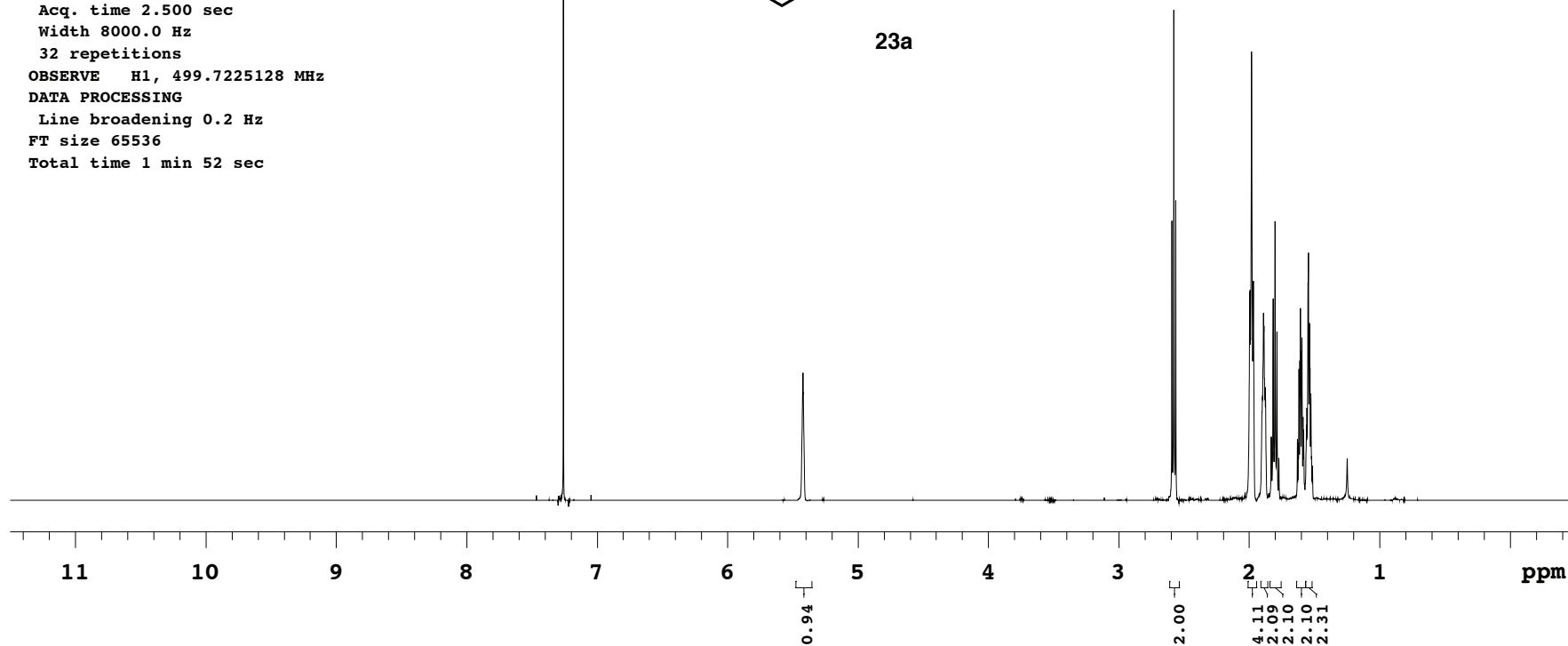
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 5 2011

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225128 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 52 sec



23a

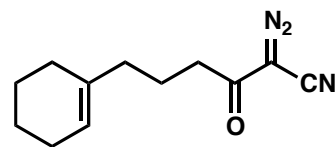


Sample Name:
RRN-7-97-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-97-13C
FidFile: CARBON01

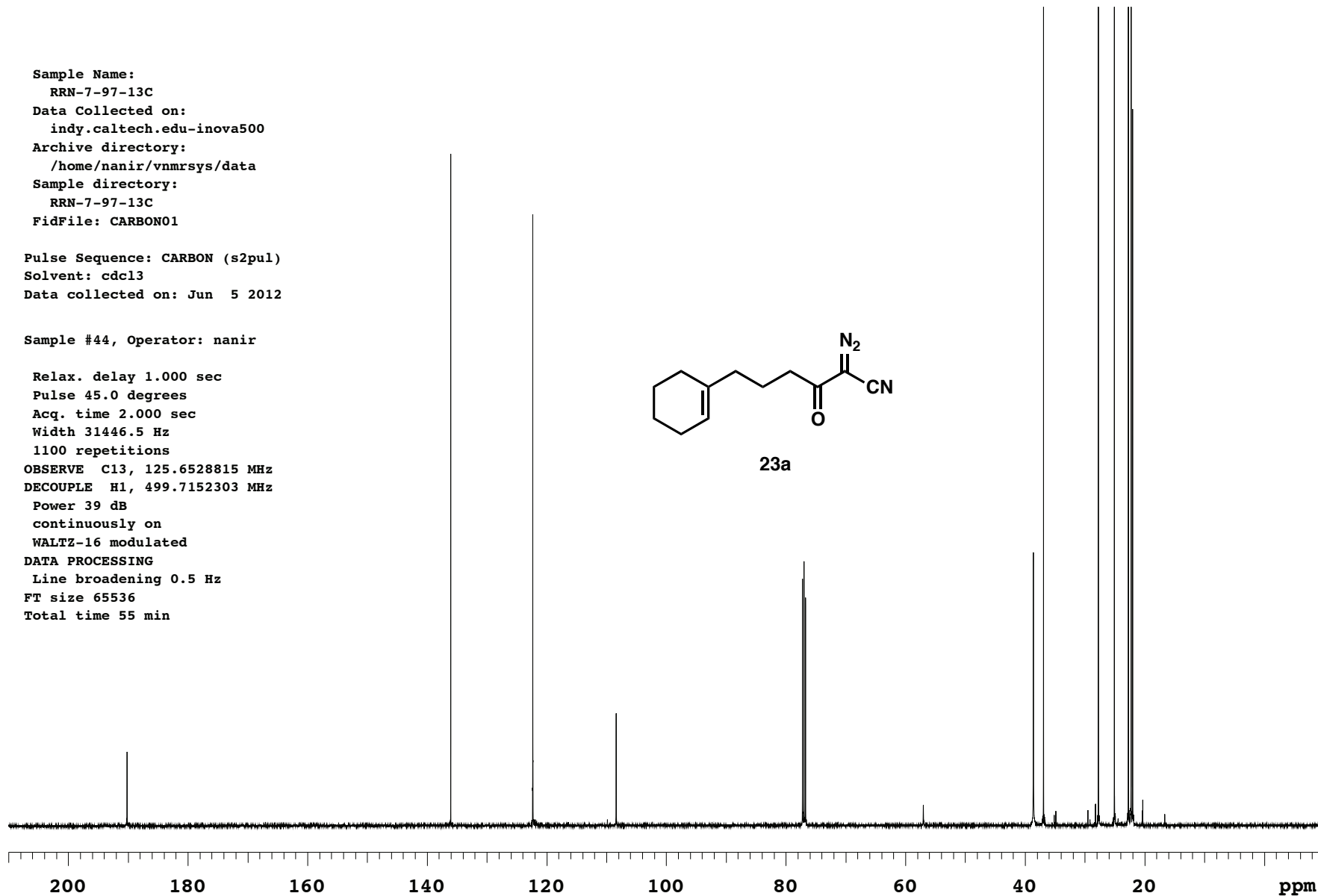
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 5 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
1100 repetitions
OBSERVE C13, 125.6528815 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 55 min



23a

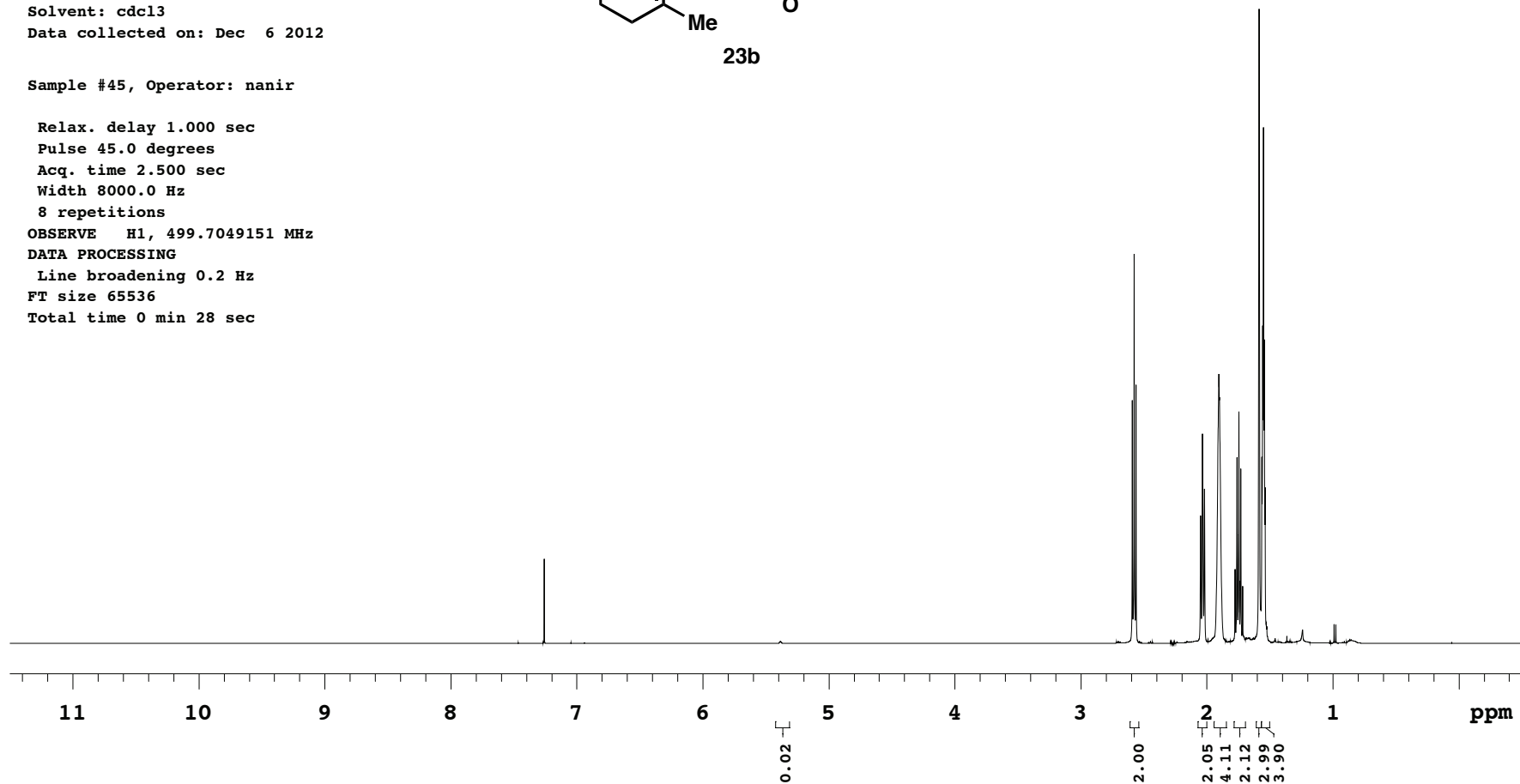
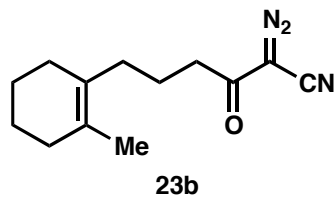


Sample Name:
RRN-10-65-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-65-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Dec 6 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec

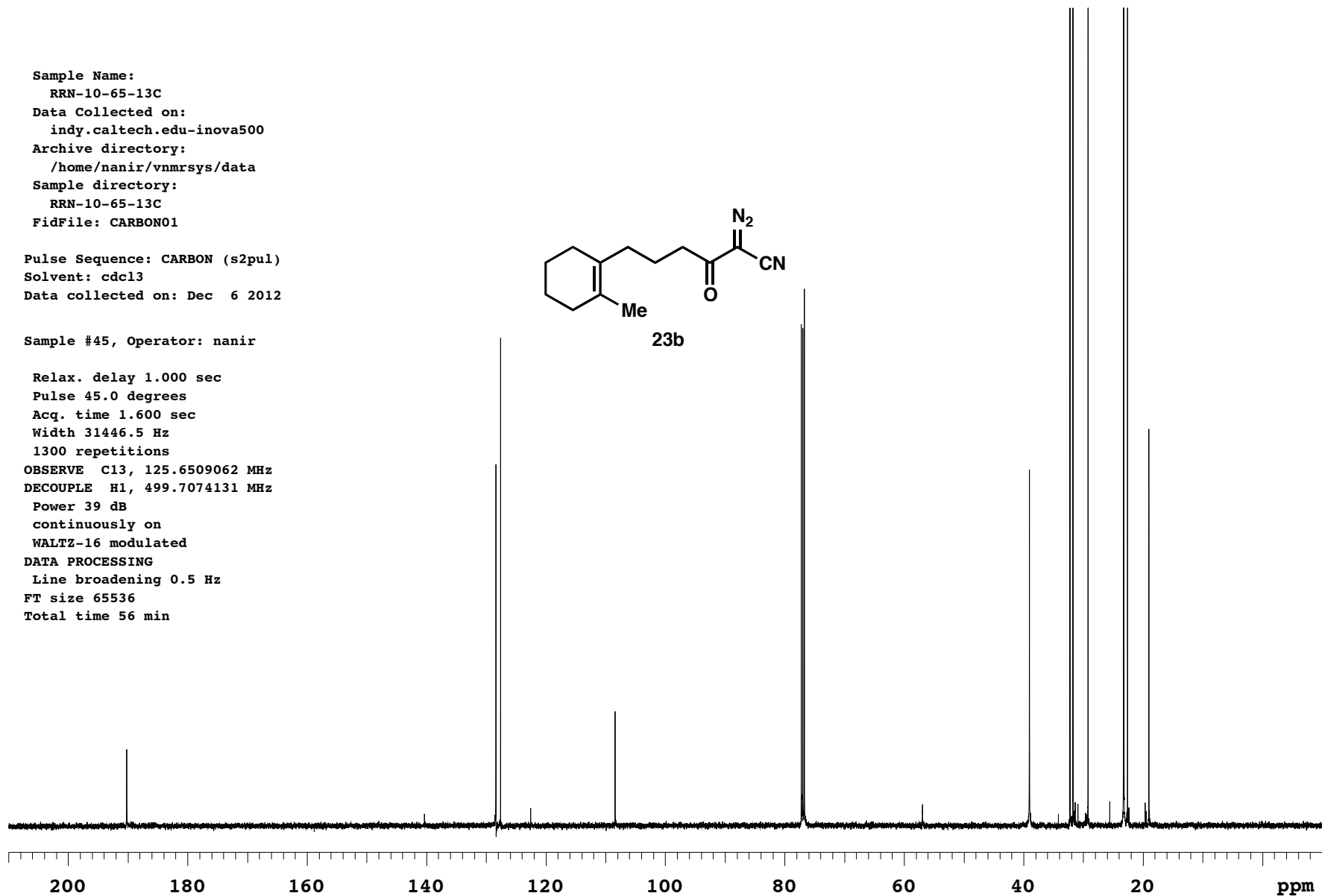
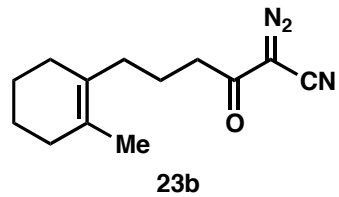


Sample Name:
RRN-10-65-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-65-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 6 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.600 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6509062 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min

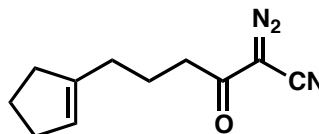


Sample Name:
RRN-10-35-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-35-13C
FidFile: PROTON01

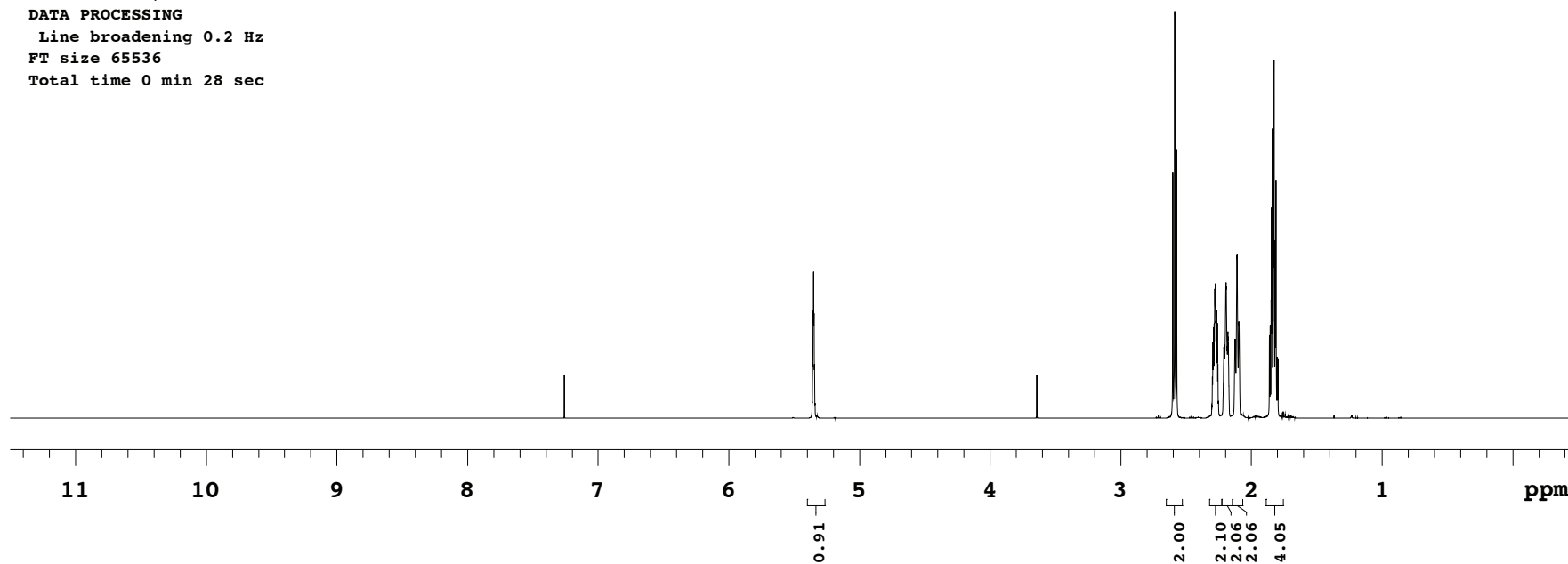
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Nov 27 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



23c

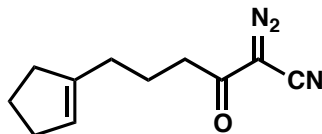


Sample Name:
RRN-10-35-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-35-13C
FidFile: CARBON01

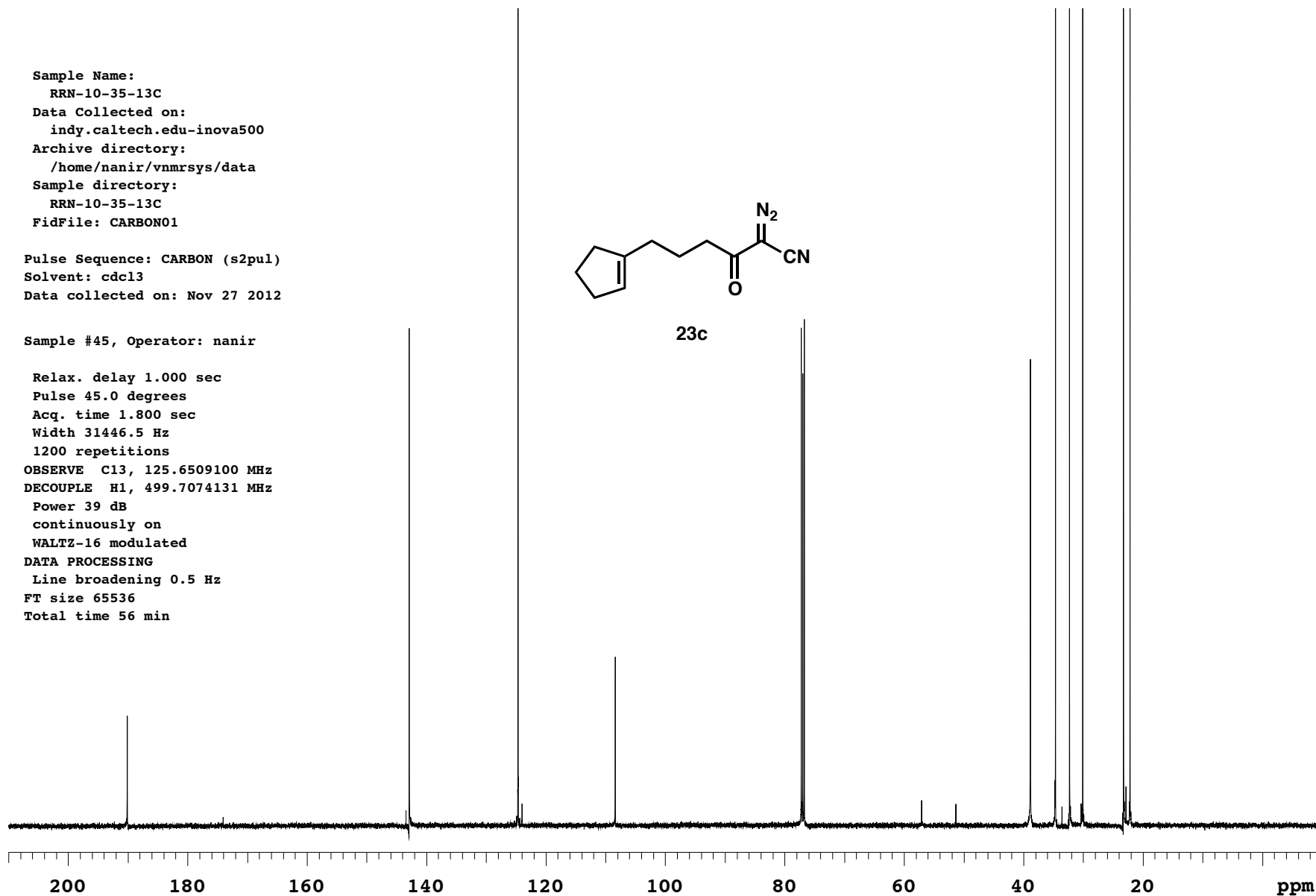
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Nov 27 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6509100 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



23c

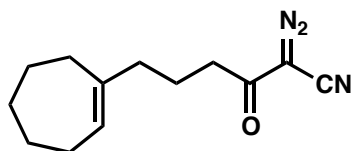


Sample Name:
RRN-10-37-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-37-1H
FidFile: PROTON01

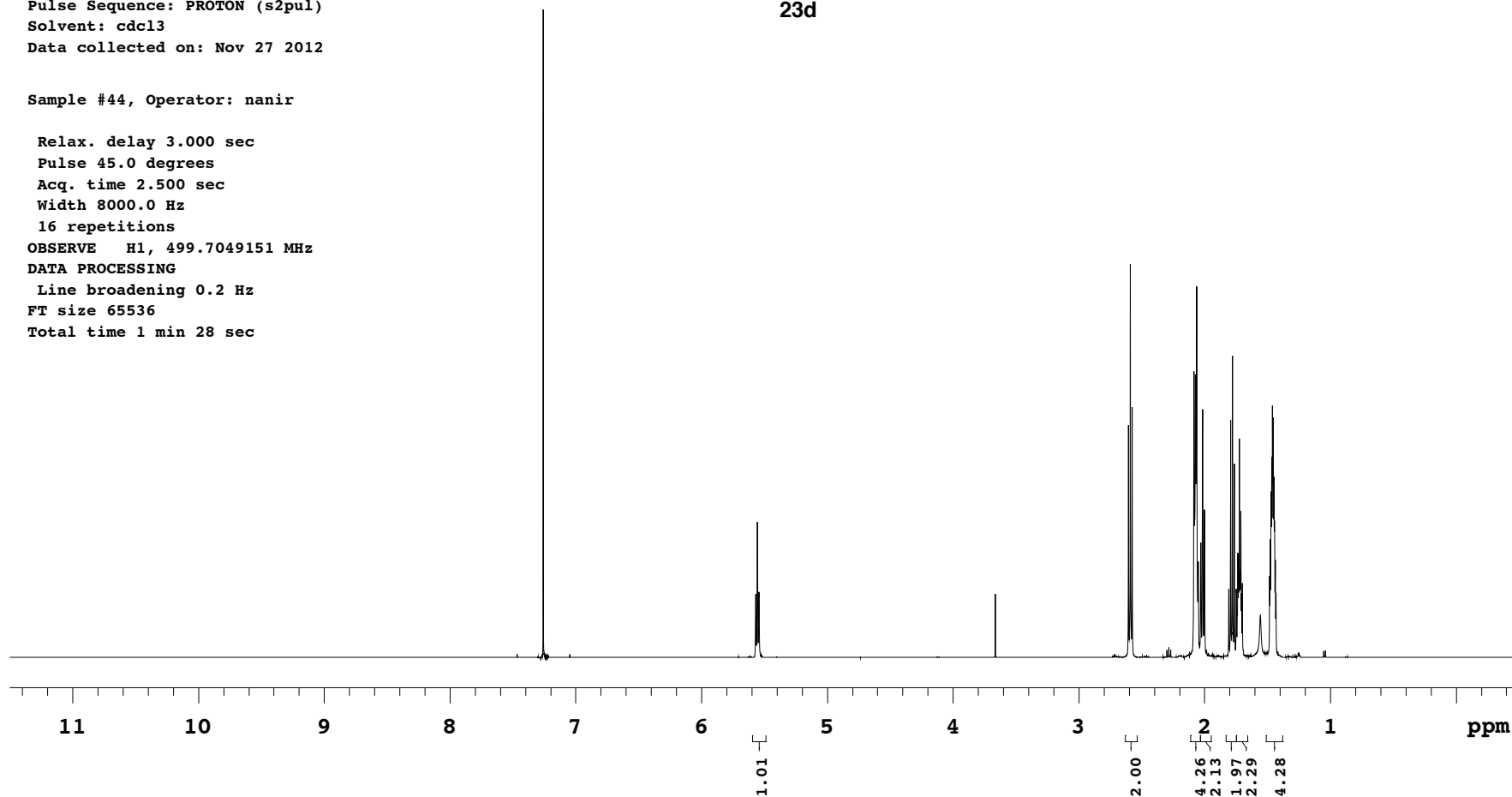
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Nov 27 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



23d

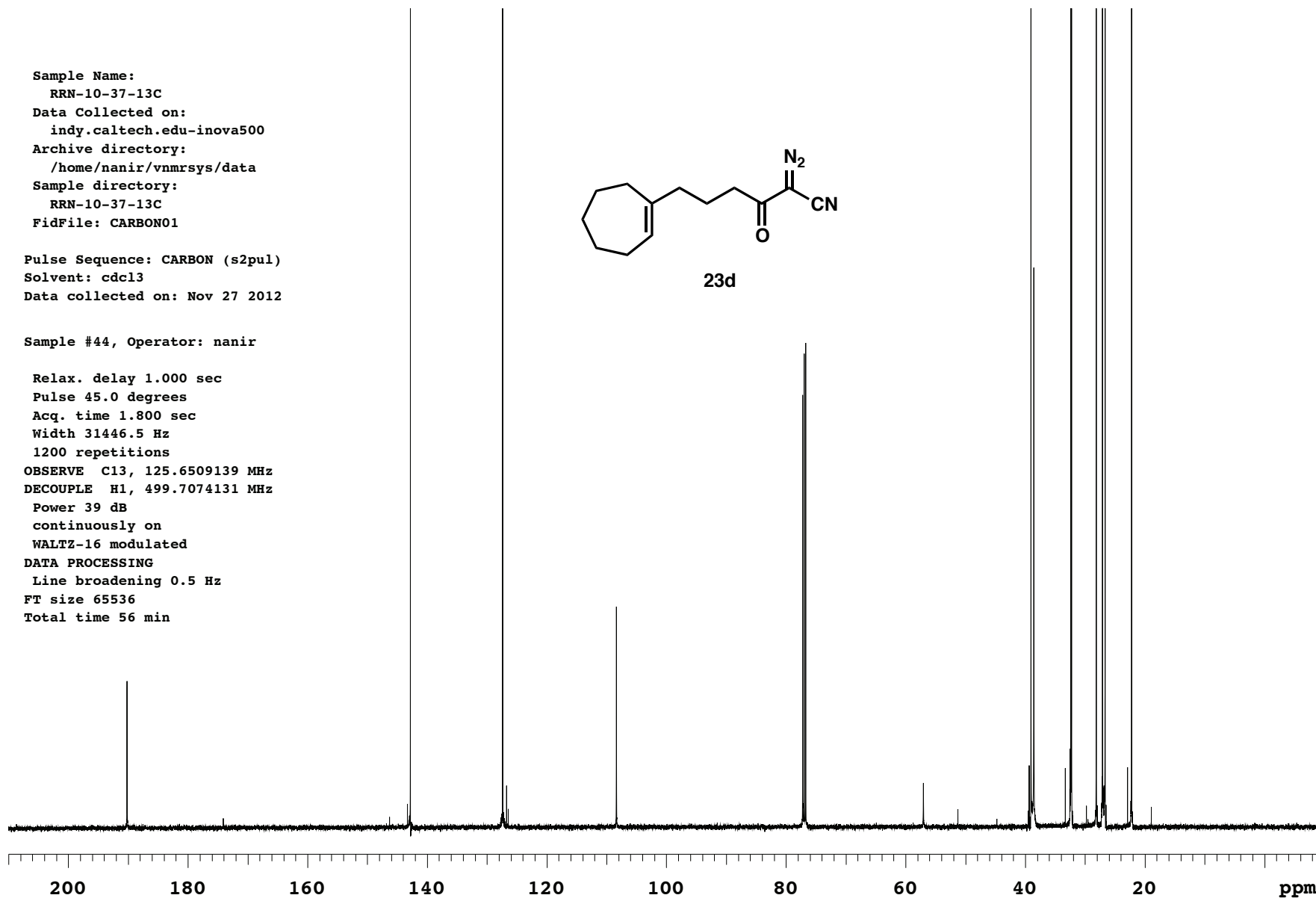
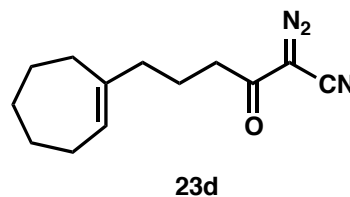


Sample Name:
RRN-10-37-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-37-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Nov 27 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6509139 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



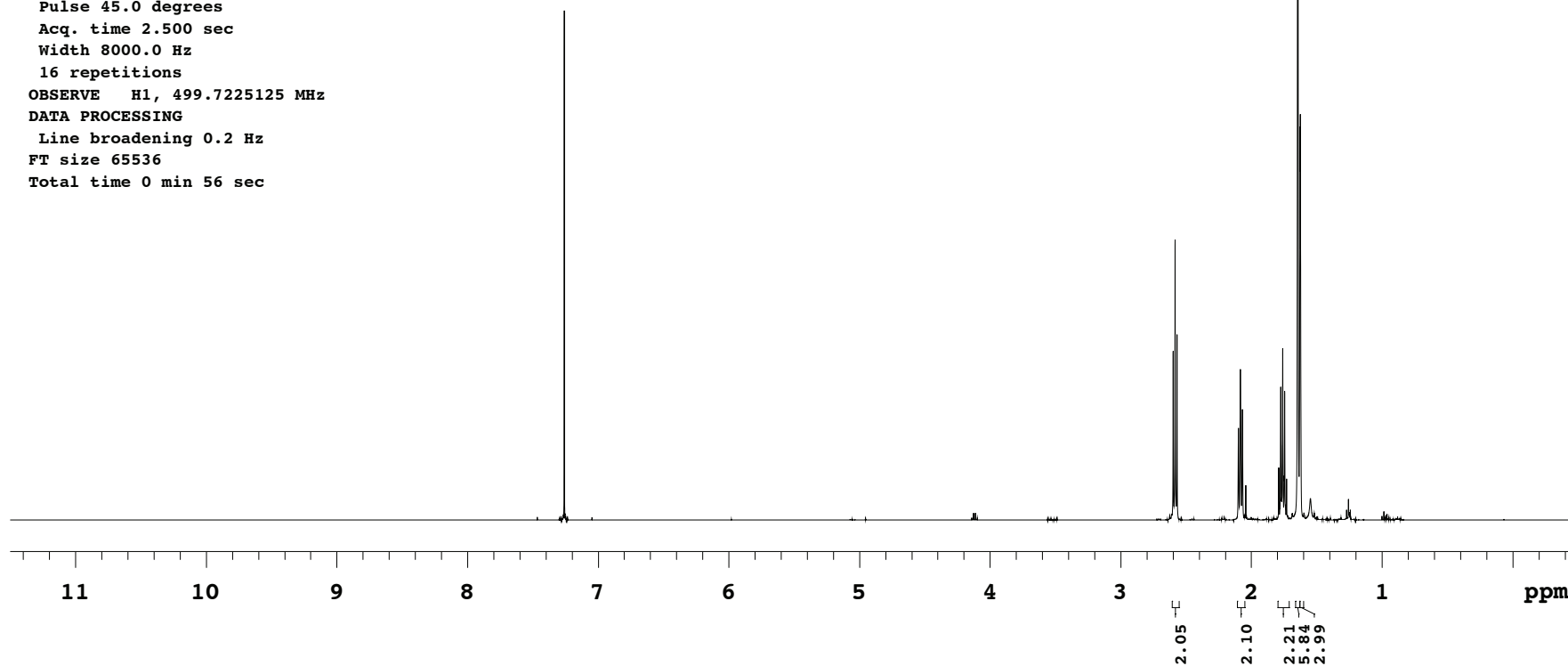
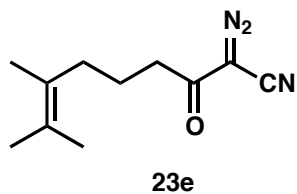
RRN-7-263-1_flashed

Sample Name:
RRN-7-263-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-263-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 14 2011

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



Plotname: --Not assigned--



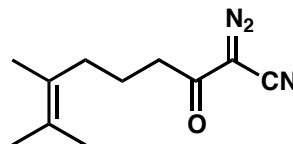
Agilent Technologies

Sample Name:
RRN-7-263-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-263-13C
FidFile: CARBON01

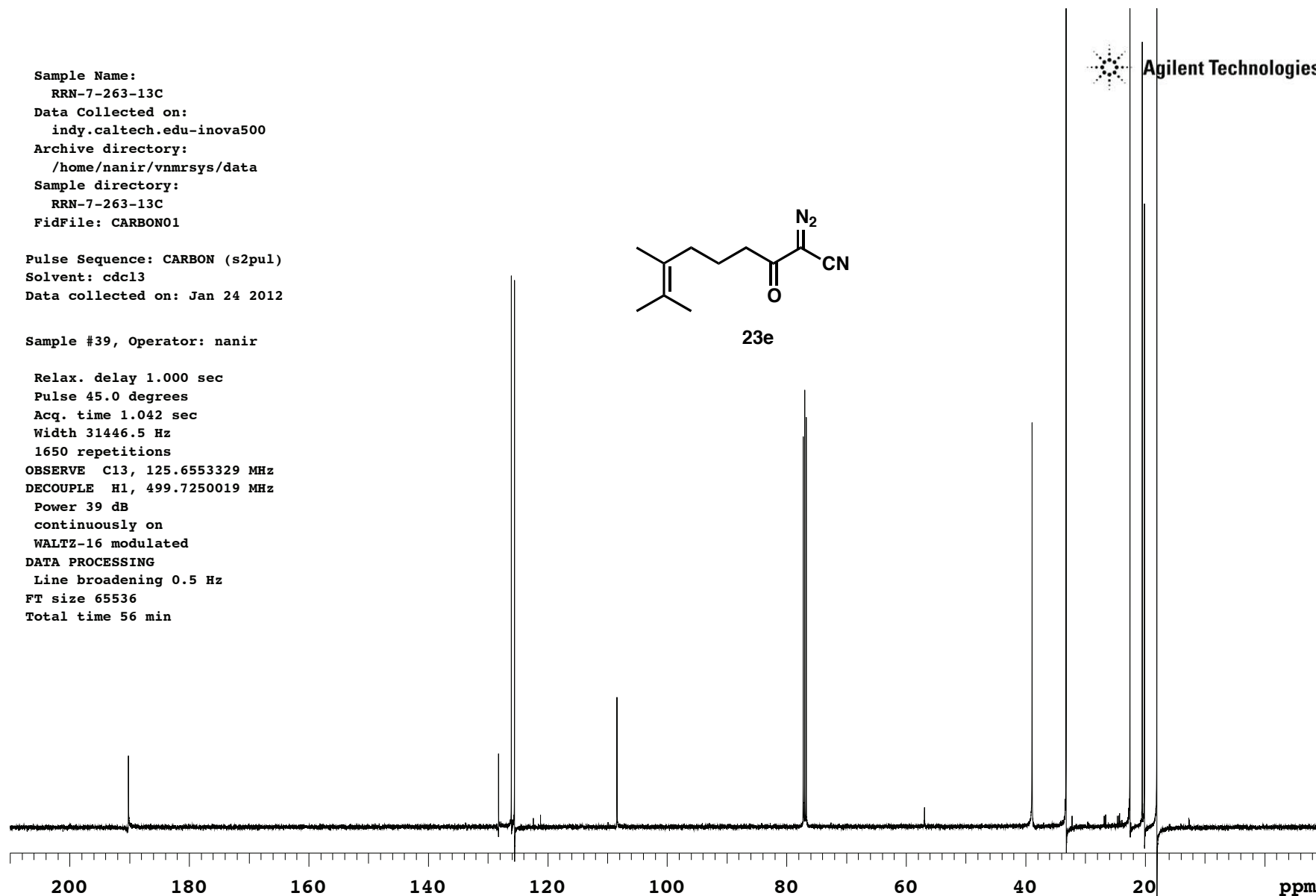
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jan 24 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1650 repetitions
OBSERVE C13, 125.6553329 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



23e



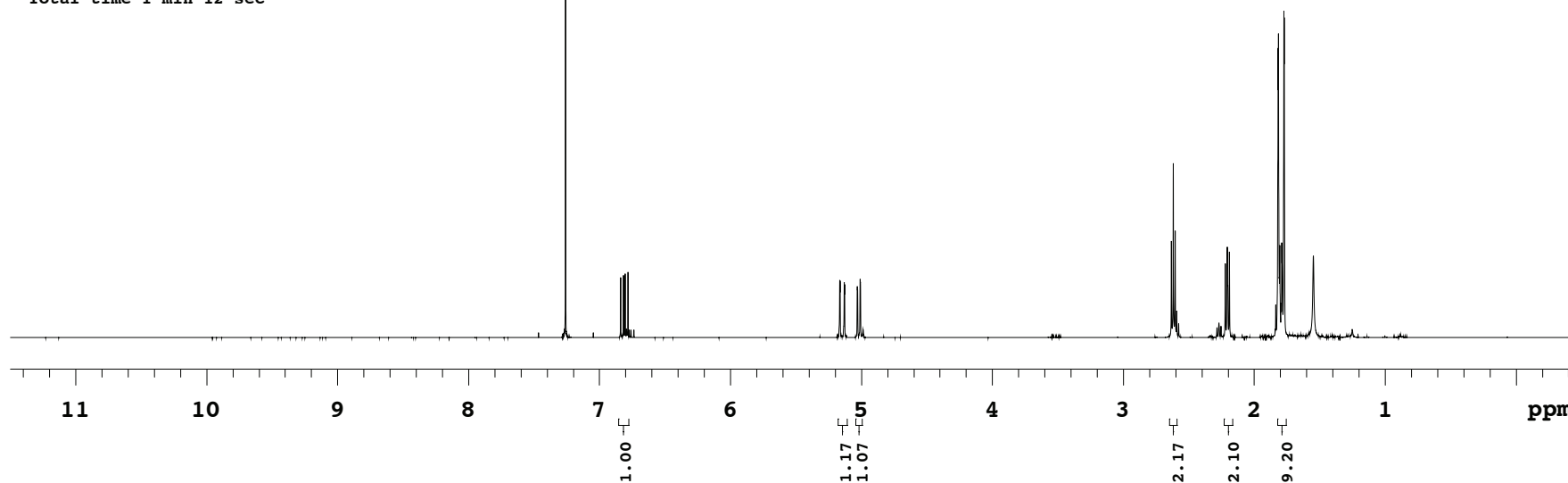
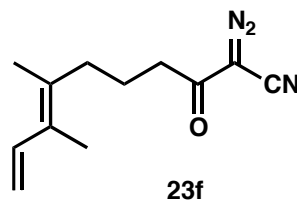
Plotname: --Not assigned--

Sample Name:
RRN-8-277-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-277-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Apr 23 2012

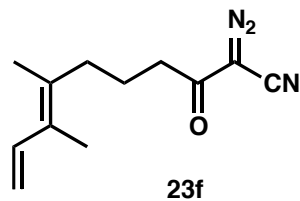
Sample #31, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



Plotname: --Not assigned--

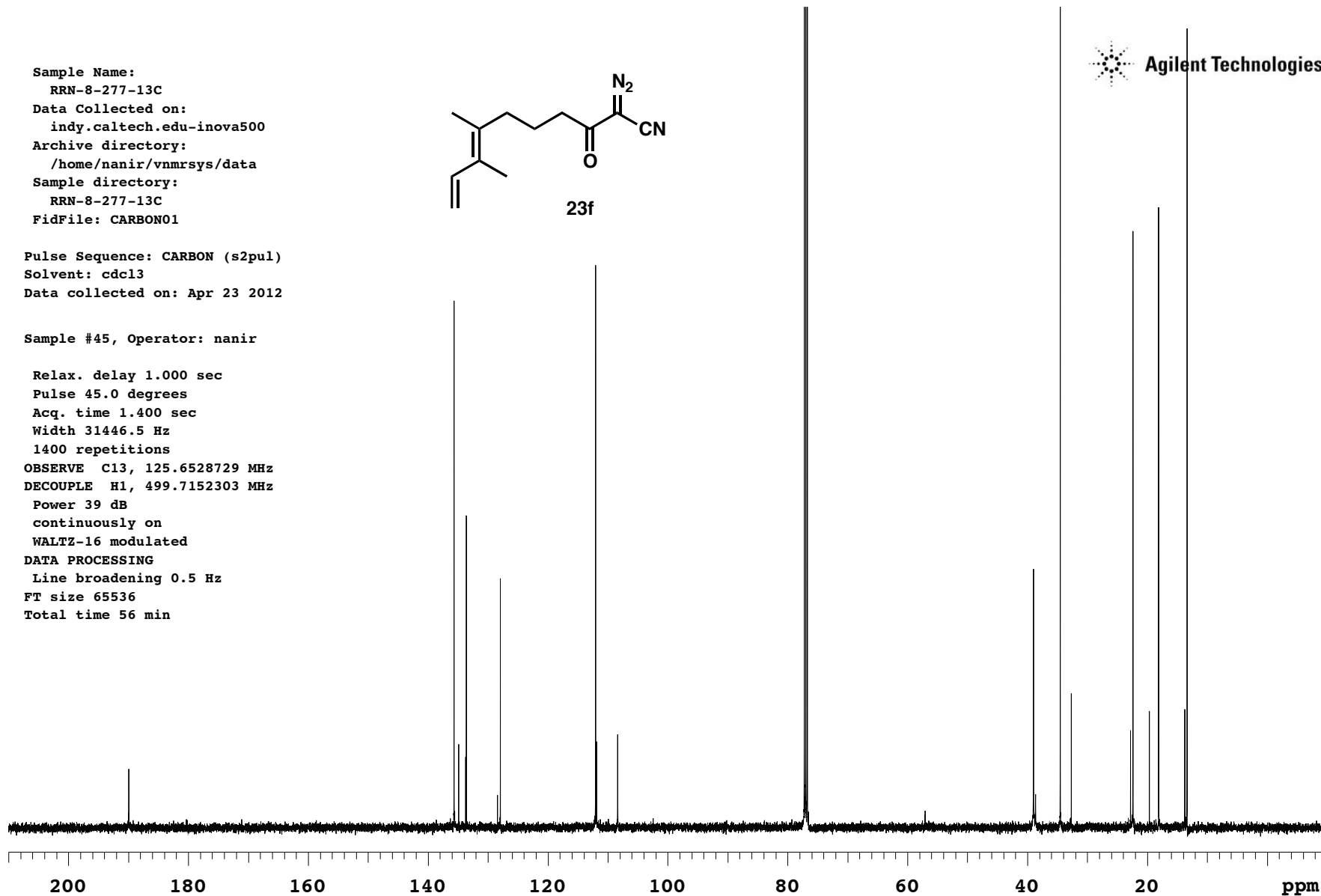
Sample Name:
RRN-8-277-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-277-13C
FidFile: CARBON01



Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Apr 23 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
1400 repetitions
OBSERVE C13, 125.6528729 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



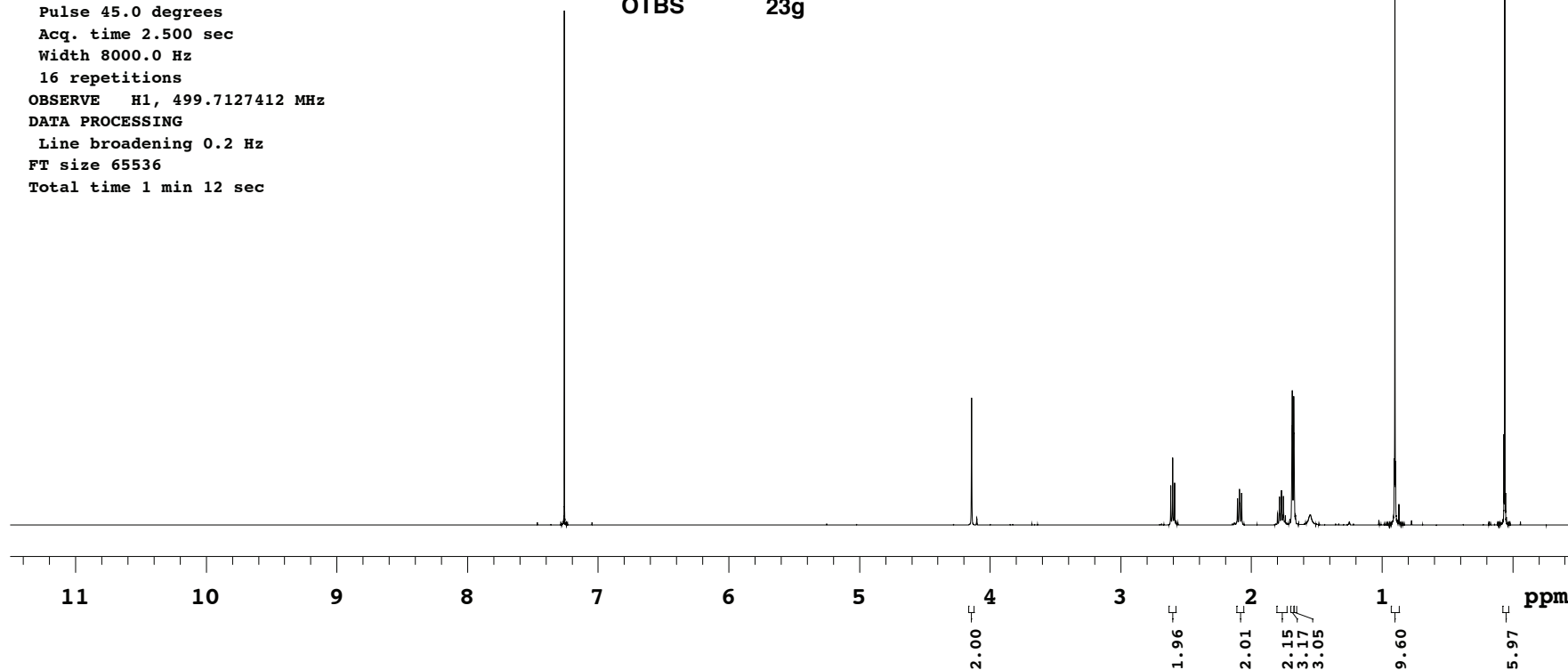
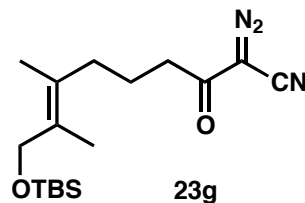
Plotname: --Not assigned--

Sample Name:
RRN-8-245-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-245-1H
FidFile: PROTON02

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 5 2012

Sample #44, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127412 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



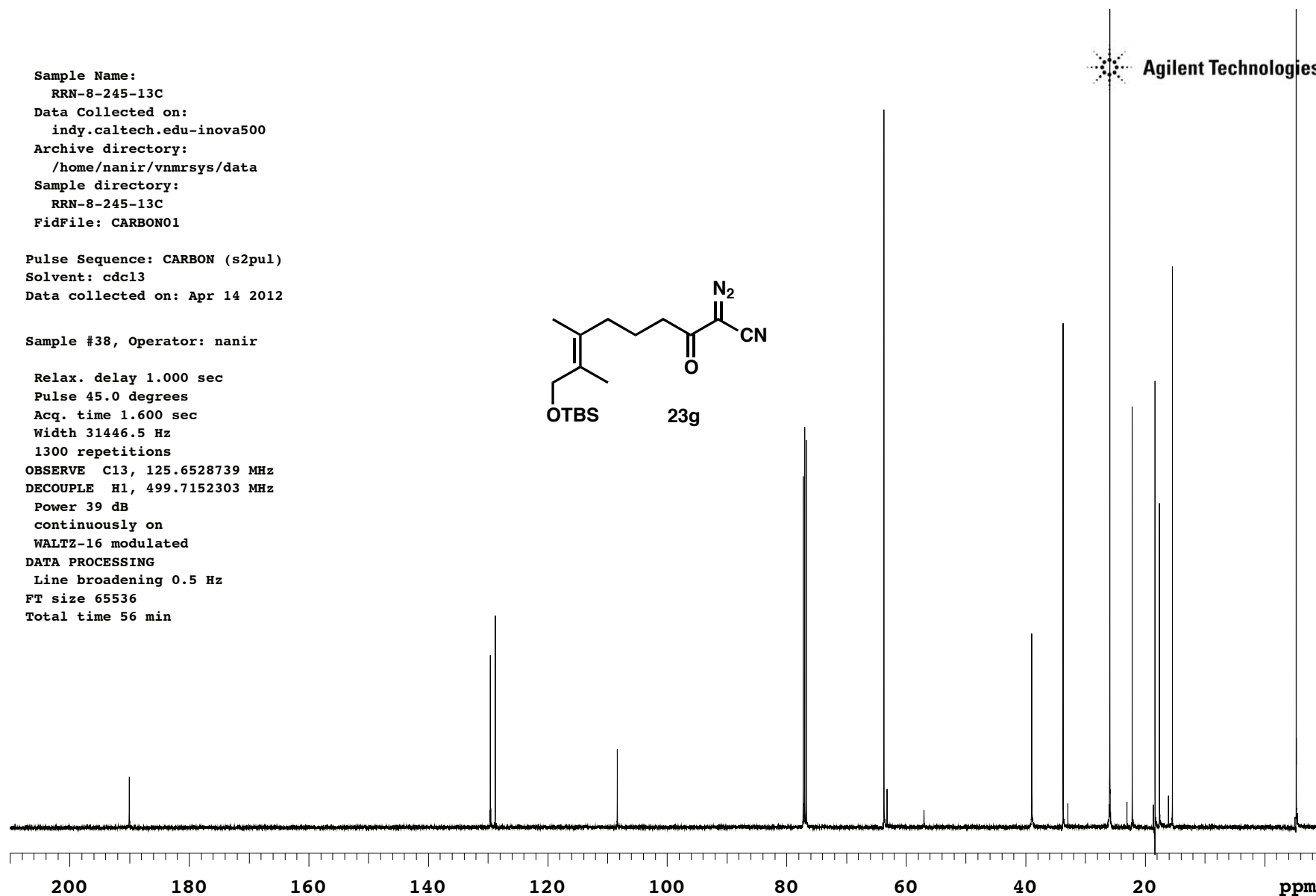
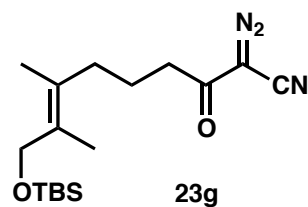
Plotname: --Not assigned--

Sample Name:
RRN-8-245-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-245-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Apr 14 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.600 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6528739 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



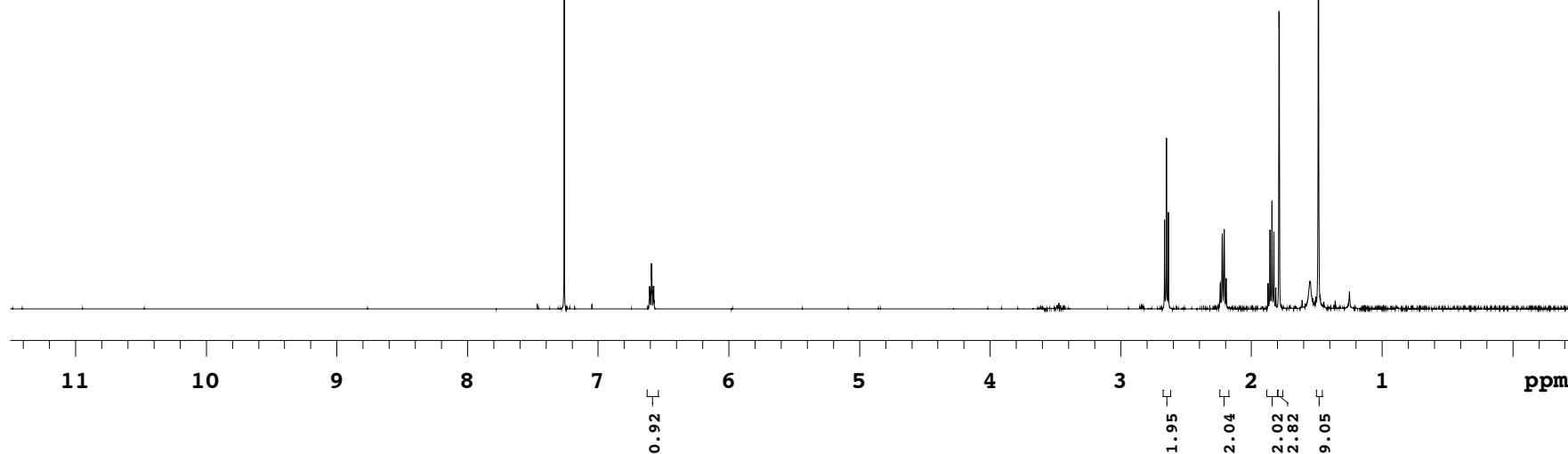
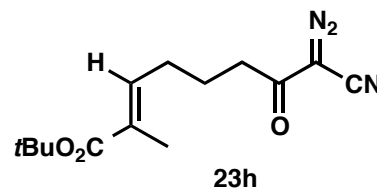
Plotname: --Not assigned--

Sample Name:
RRN-9-65-1_flashed
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-65-1_flashed
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: May 30 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



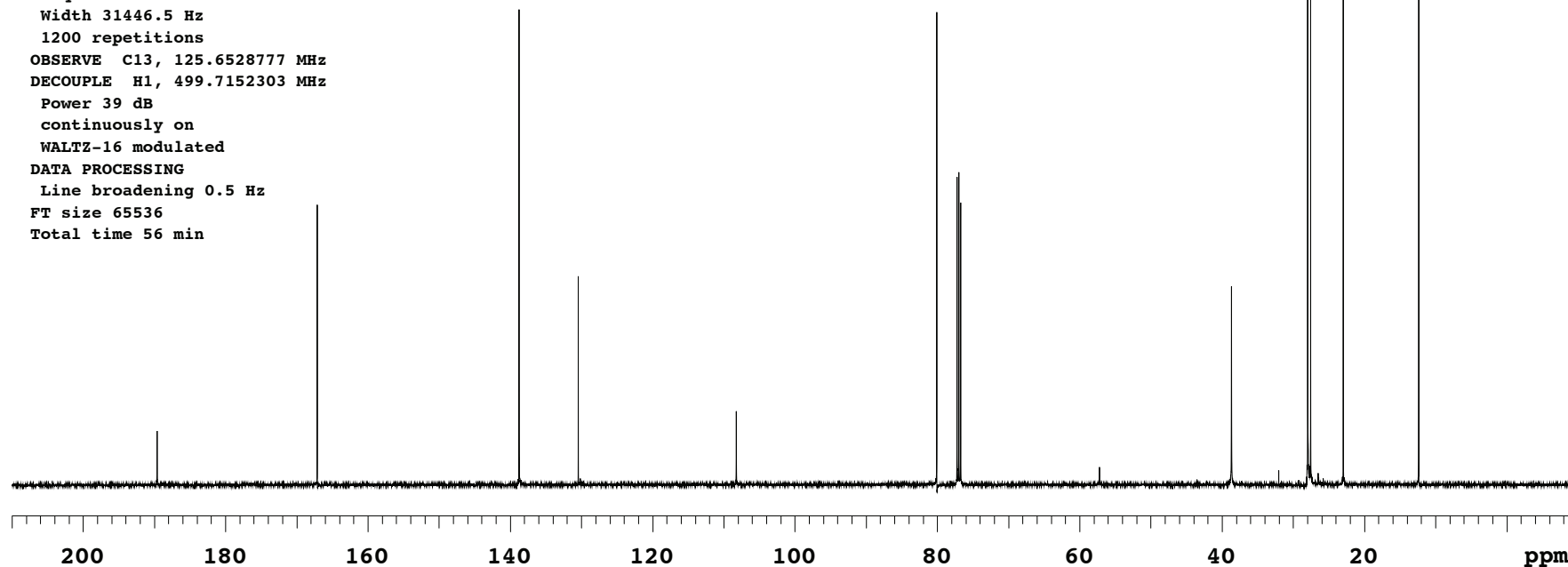
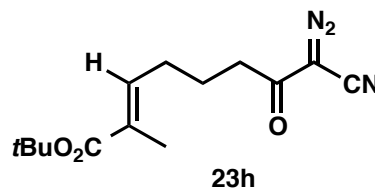
Plotname: --Not assigned--

Sample Name:
RRN-9-65-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-65-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 18 2012

Sample #44, Operator: nanir

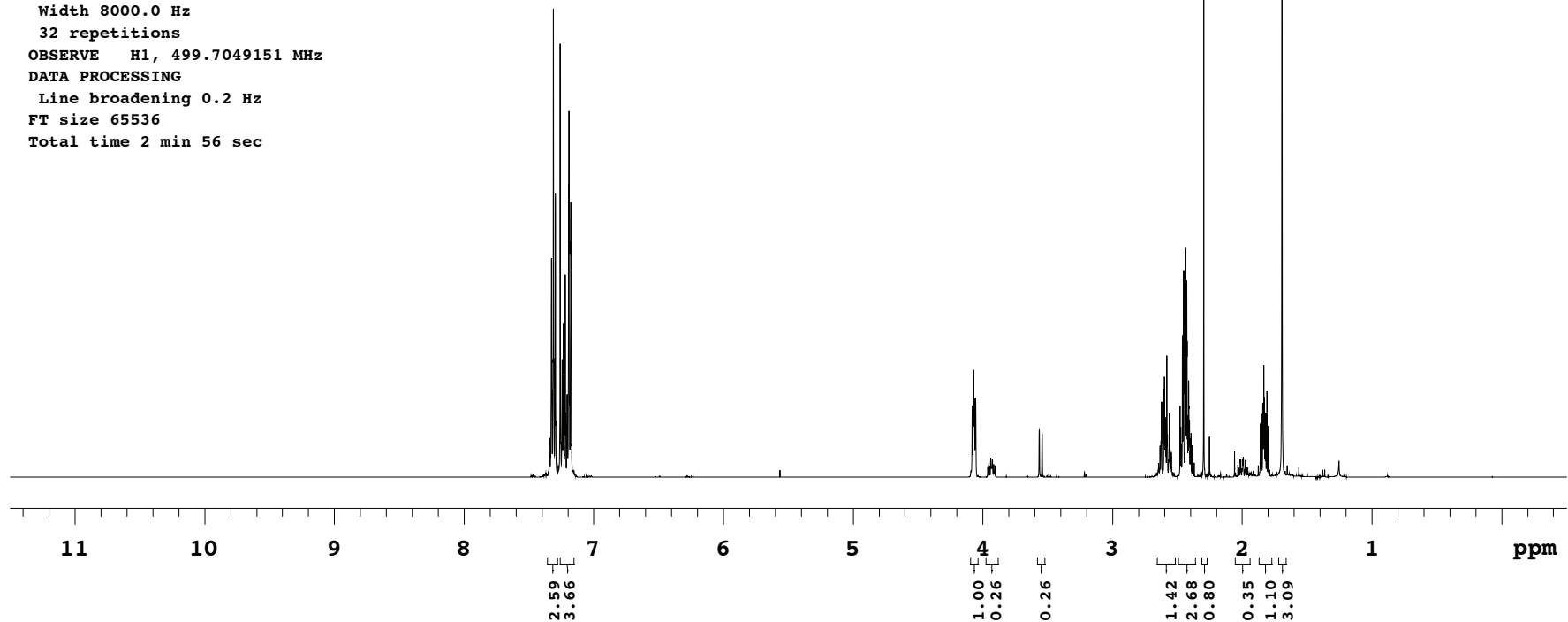
Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.800 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6528777 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min



Plotname: --Not assigned--

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Nov 7 2012

```
Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec
```

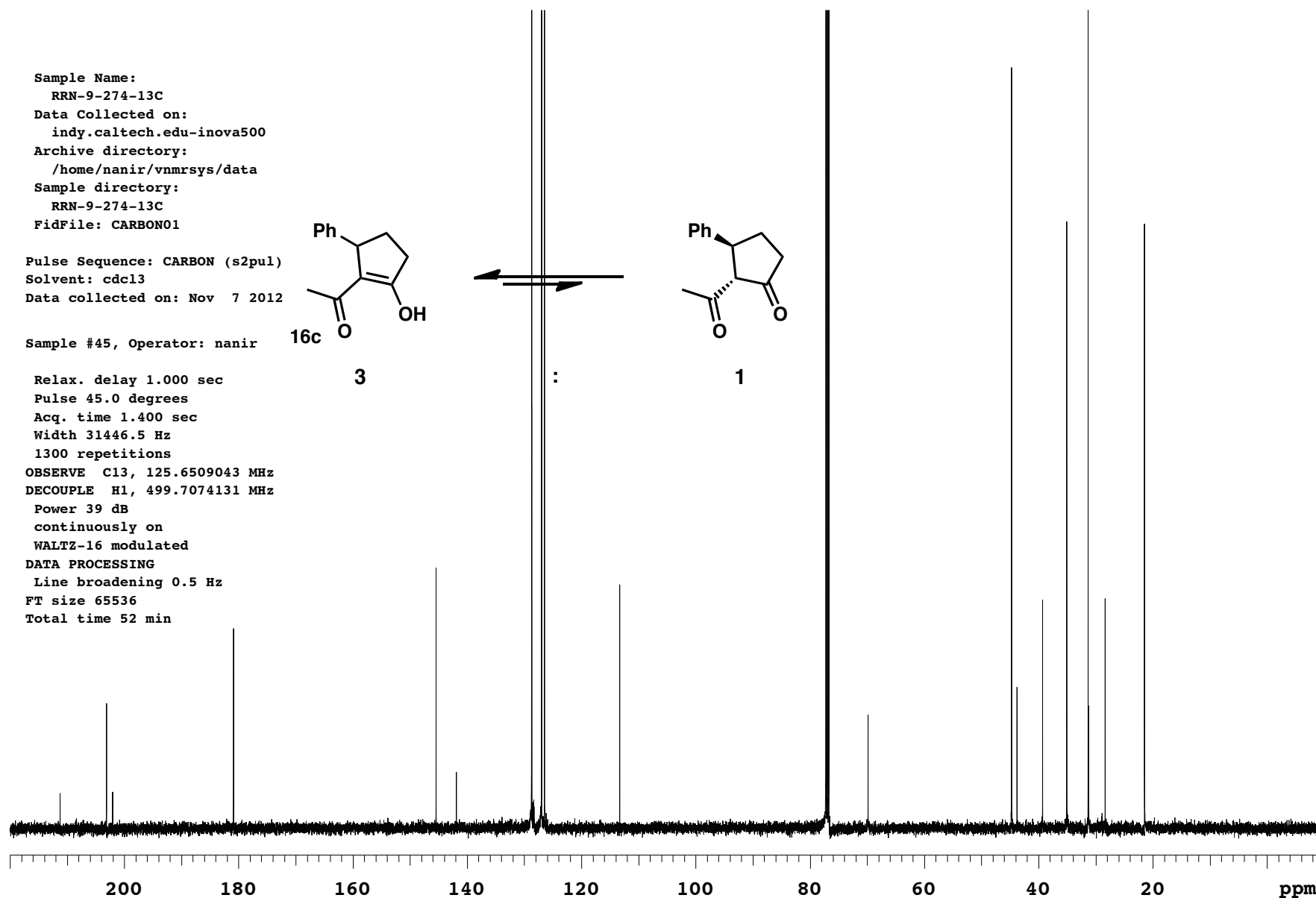
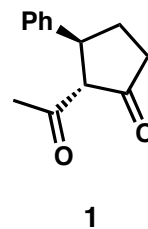
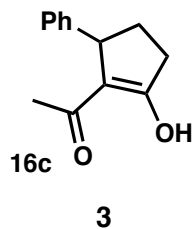


Sample Name:
 RRN-9-274-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-274-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Nov 7 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.400 sec
 Width 31446.5 Hz
 1300 repetitions
 OBSERVE C13, 125.6509043 MHz
 DECOUPLE H1, 499.7074131 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 52 min

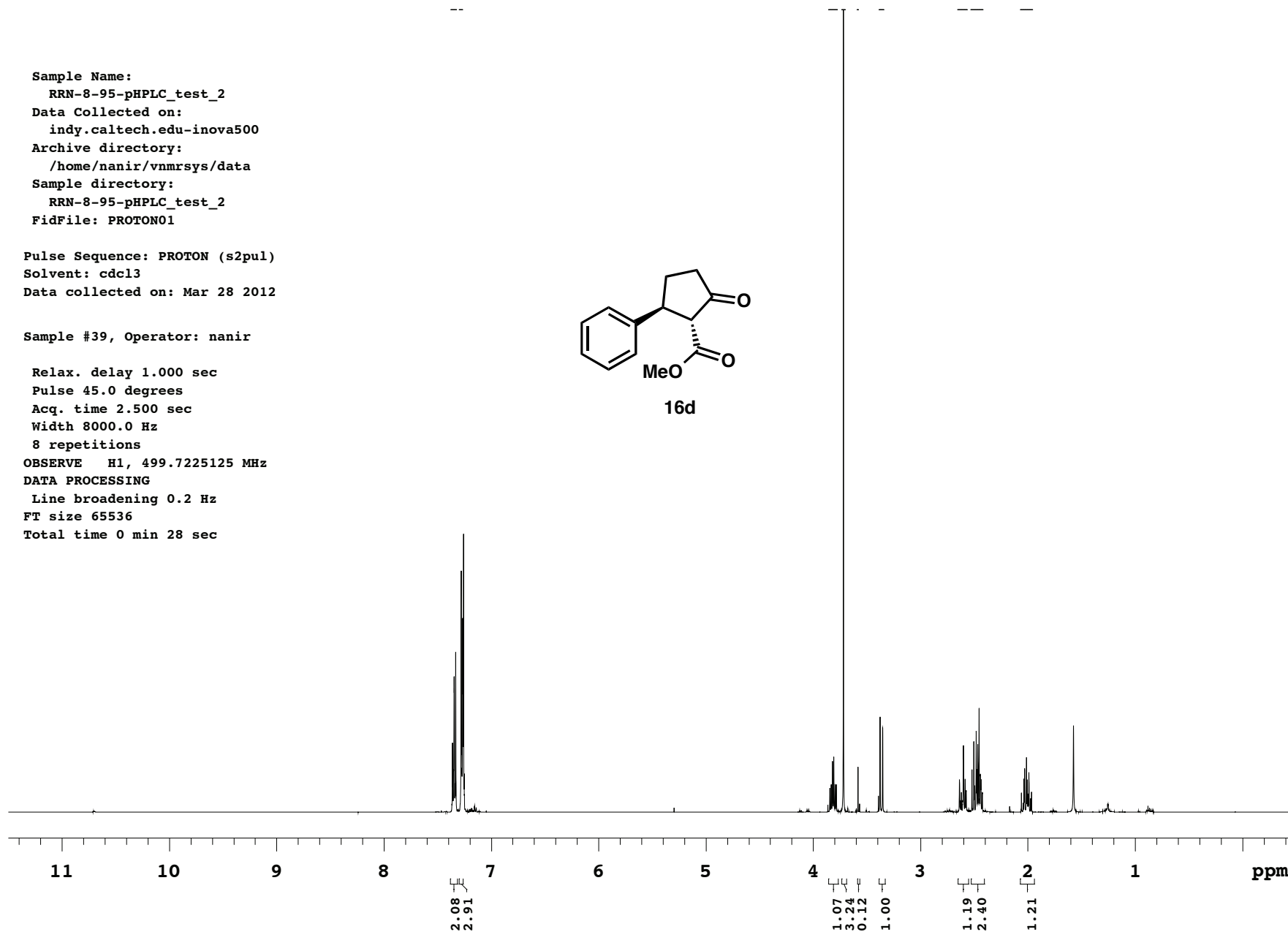
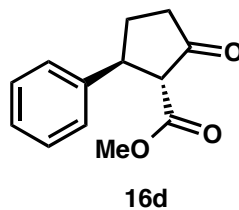


Sample Name:
RRN-8-95-pHPLC_test_2
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-95-pHPLC_test_2
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 28 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec

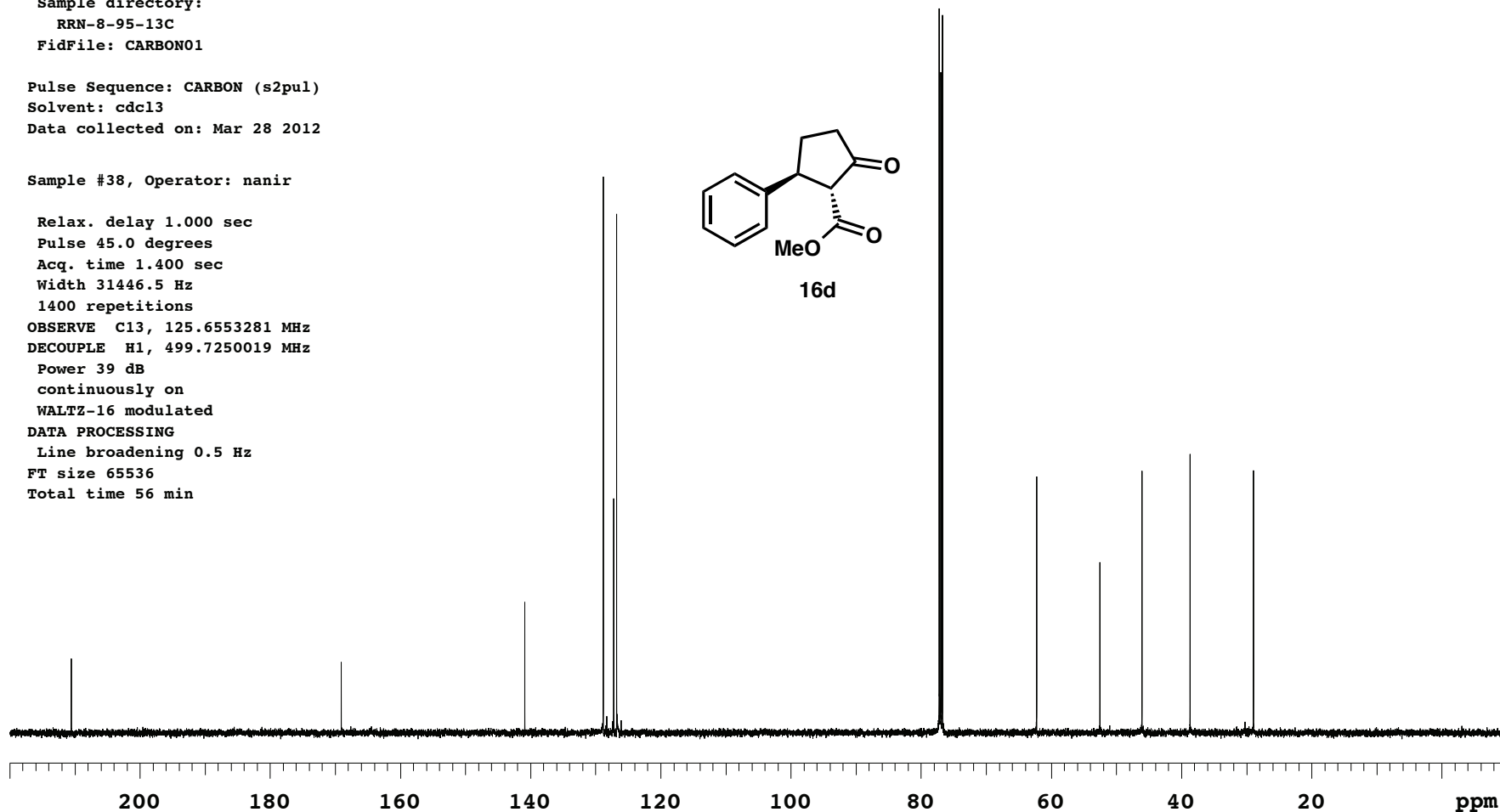
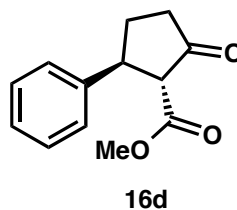


Sample Name:
RRN-8-95-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-95-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 28 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
1400 repetitions
OBSERVE C13, 125.6553281 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 56 min

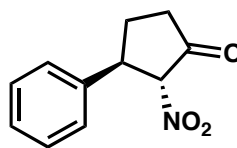


Sample Name:
RRN-9-121-pHPLC_test_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-121-pHPLC_test_II
FidFile: PROTON01

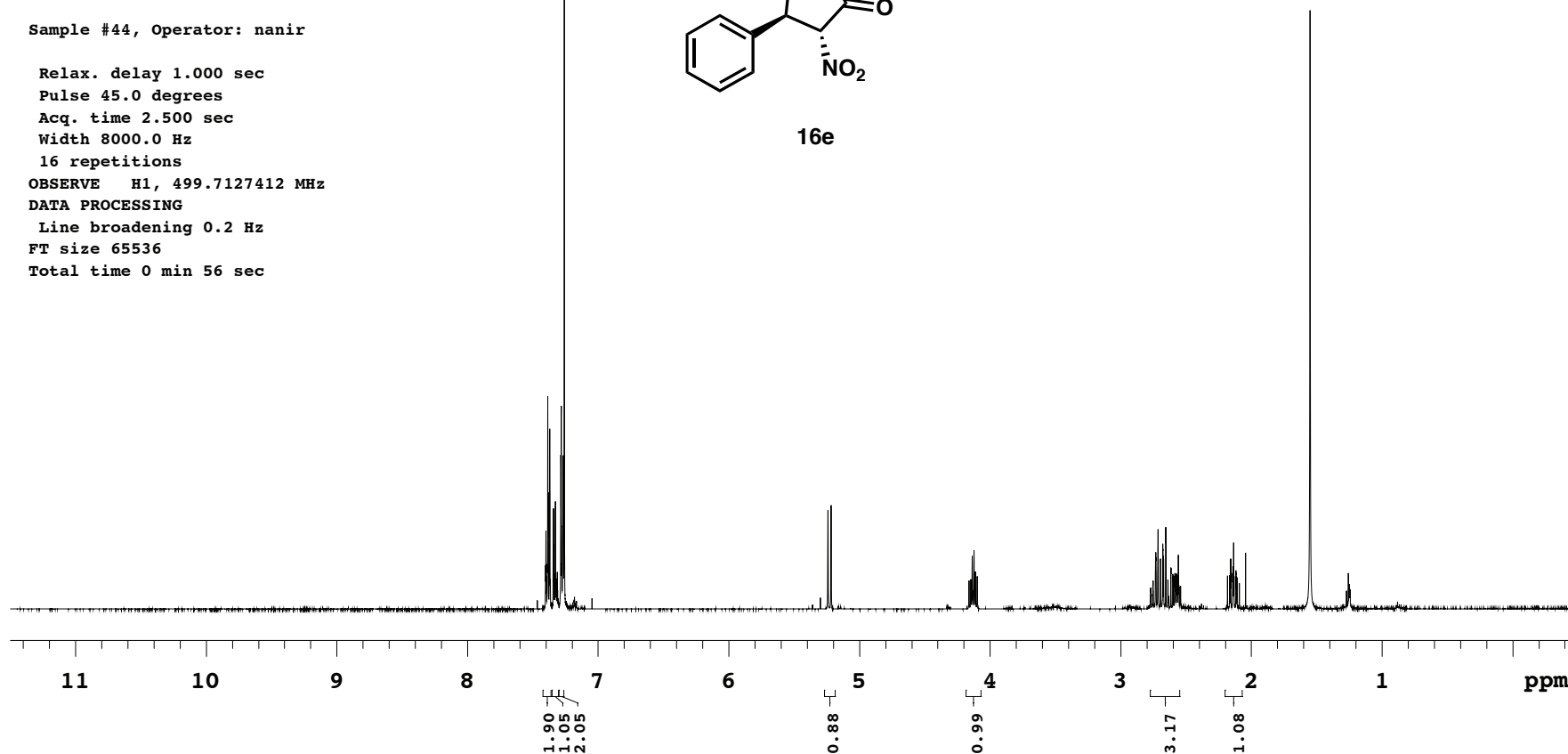
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jul 11 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127412 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



16e

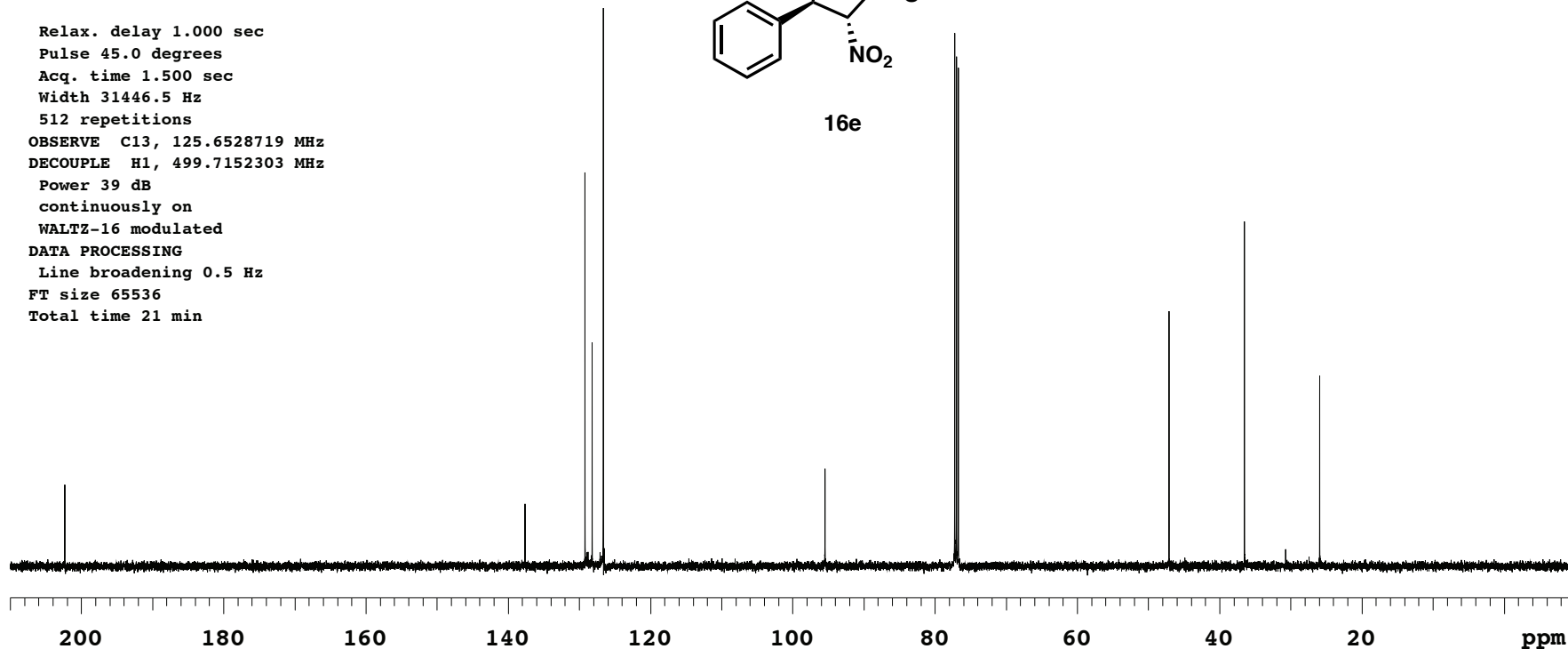
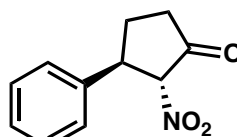


Sample Name:
RRN-9-121-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-121-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jul 12 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528719 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 21 min

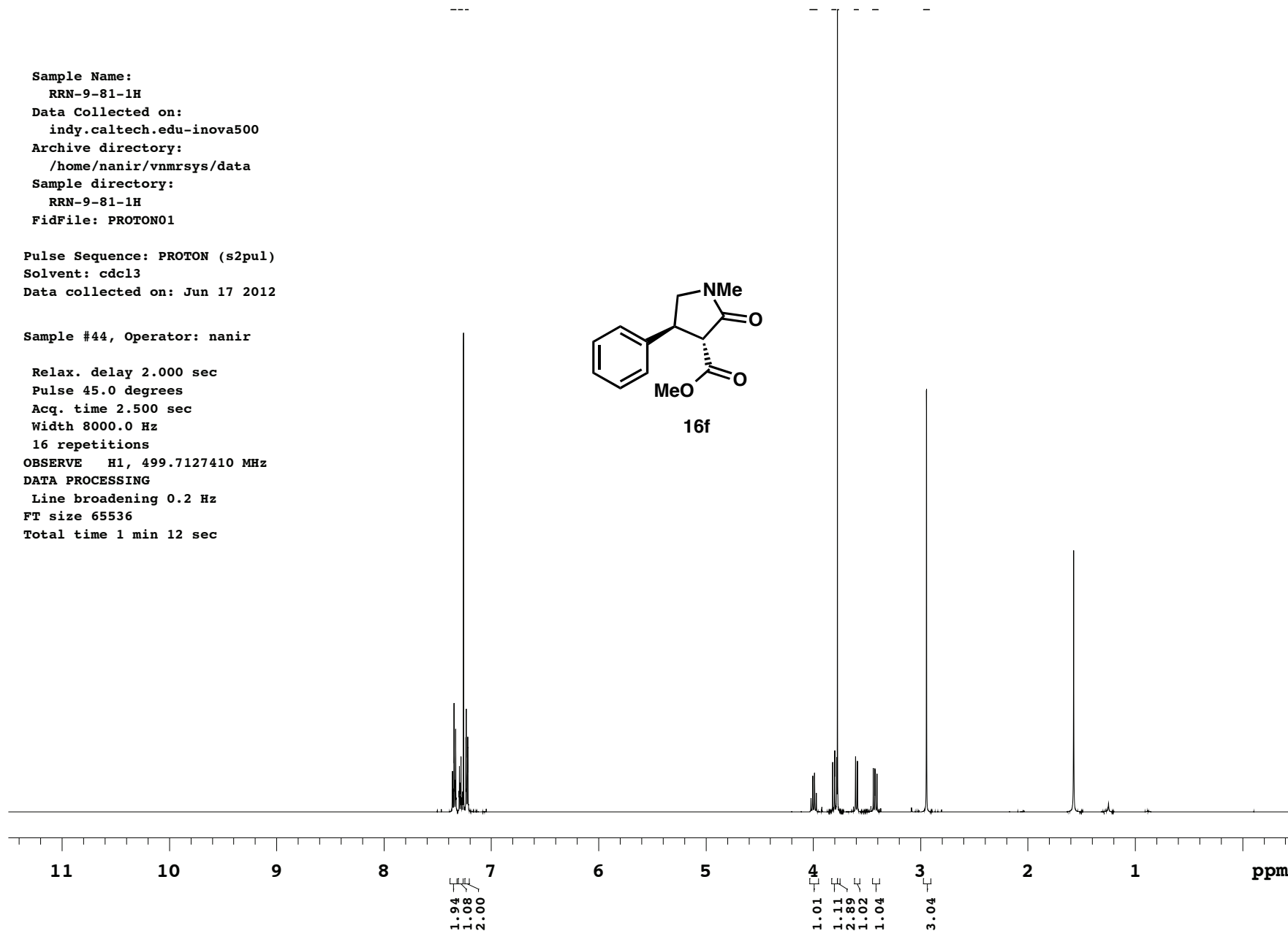
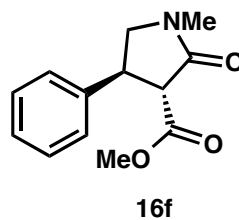


Sample Name:
RRN-9-81-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-81-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 17 2012

Sample #44, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec

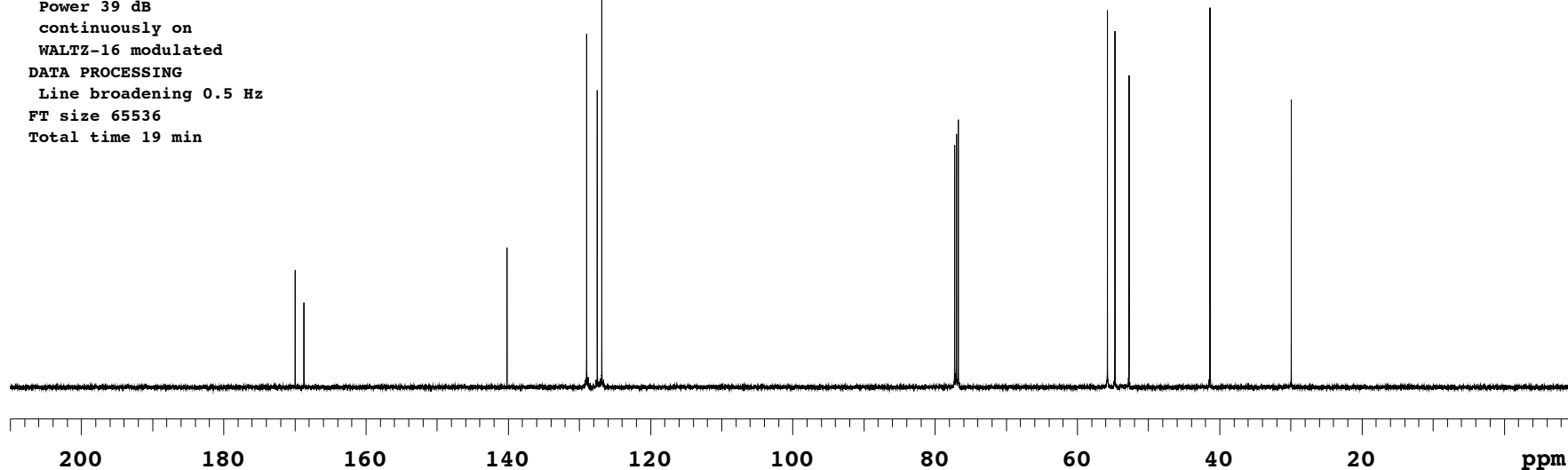
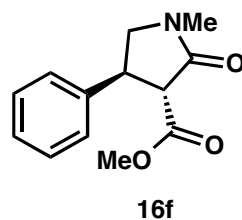


Sample Name:
RRN-9-81-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-81-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 17 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.300 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528767 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 19 min

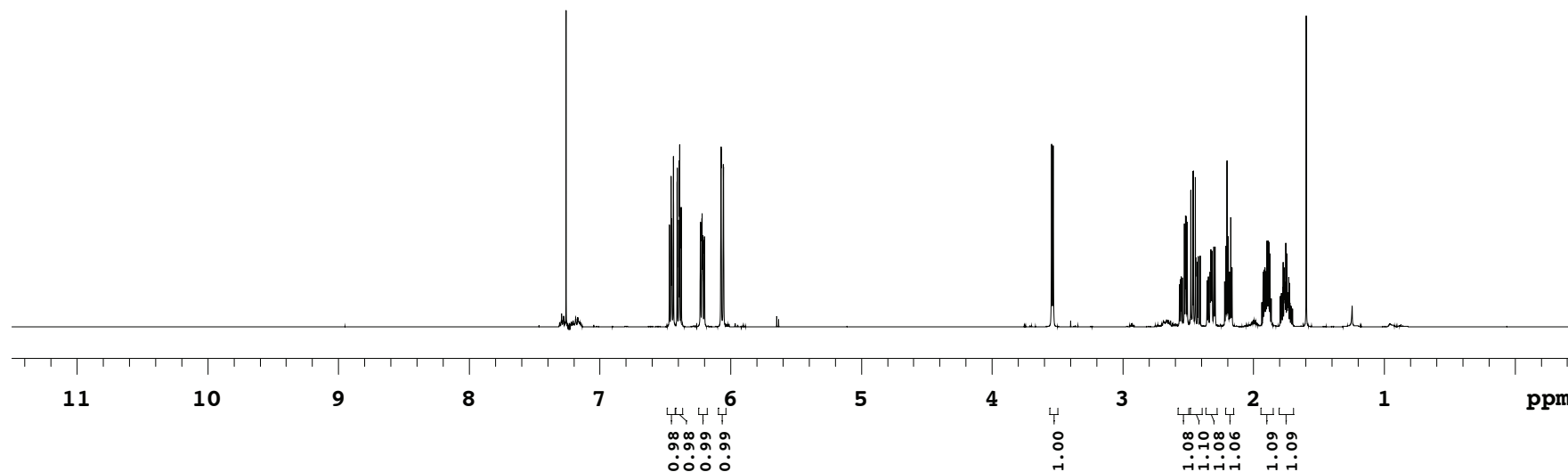
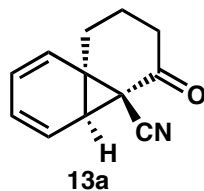


Sample Name:
 RRN-9-235-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-235-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Oct 21 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 16 repetitions
 OBSERVE H1, 499.7049151 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 1 min 28 sec

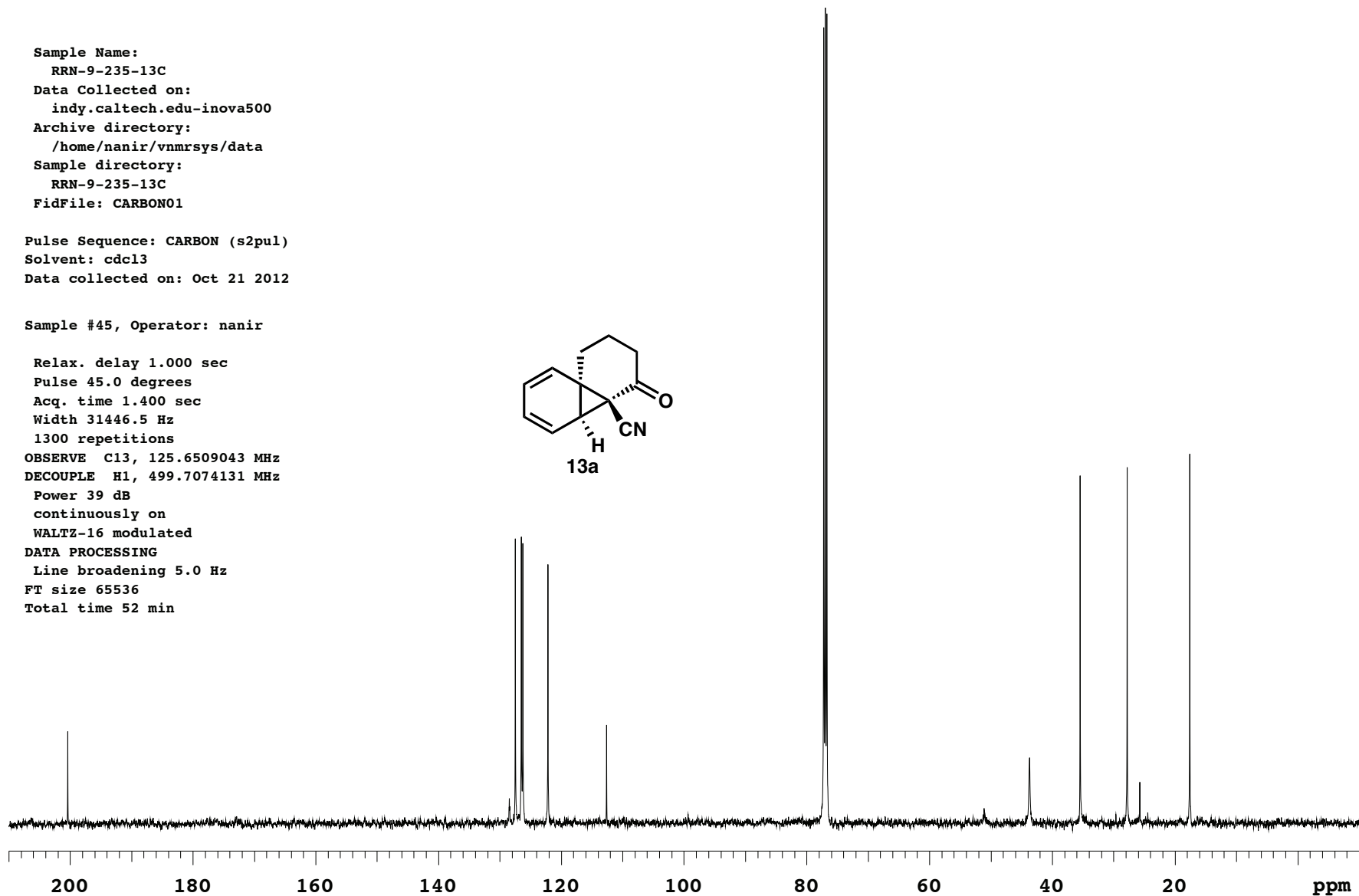
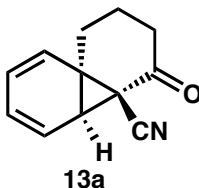


Sample Name:
RRN-9-235-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-235-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 21 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6509043 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 52 min

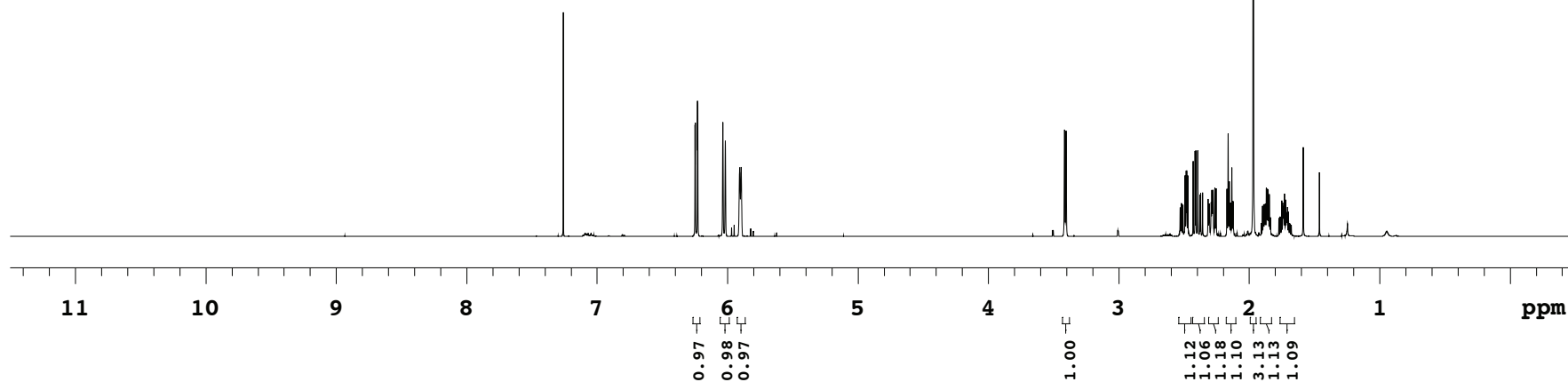
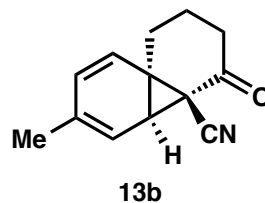


Sample Name:
RRN-9-255-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-255-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 26 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec

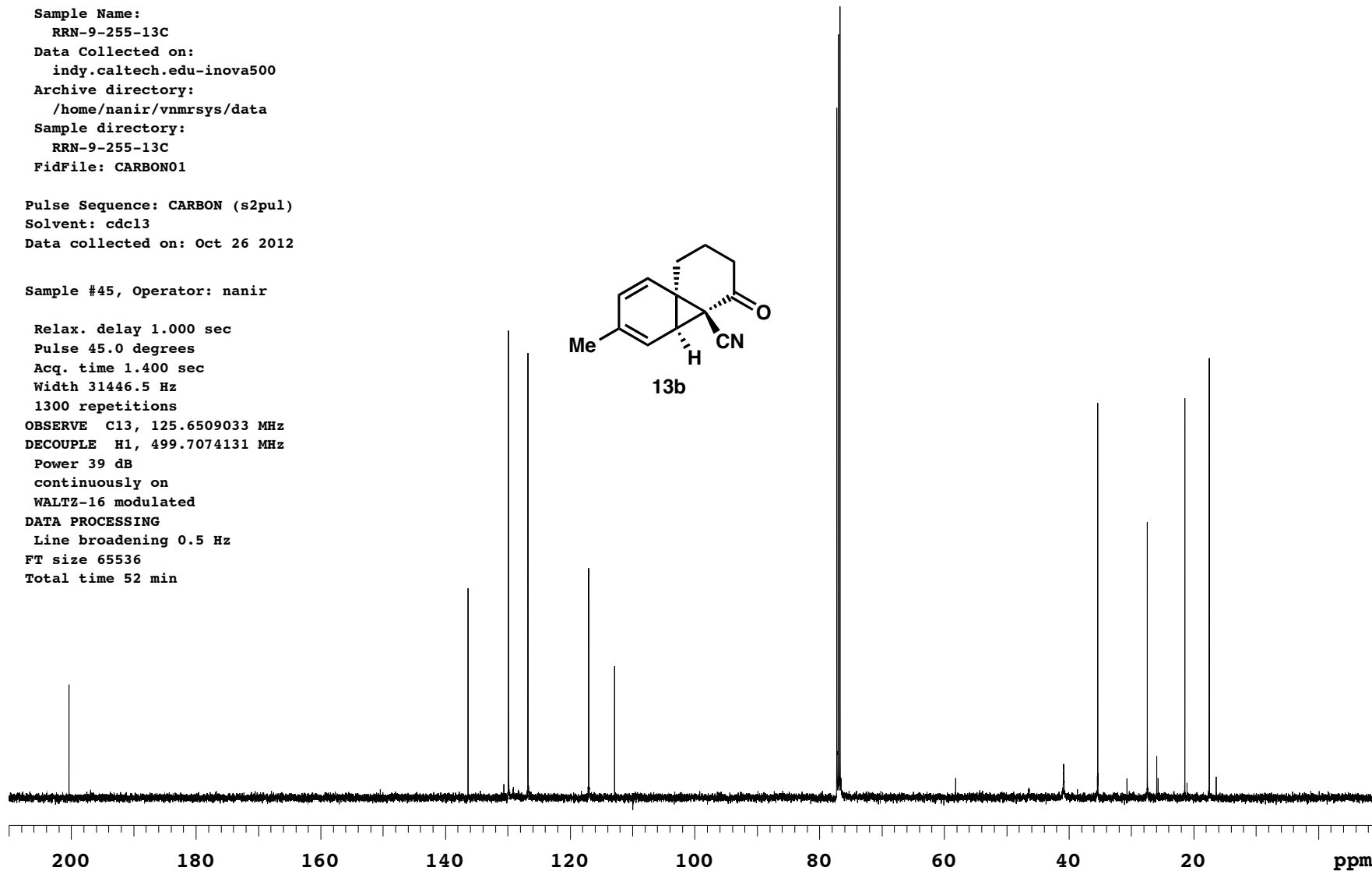
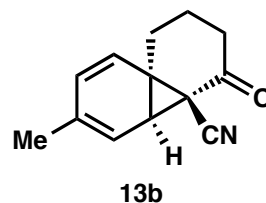


Sample Name:
RRN-9-255-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-255-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 26 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6509033 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 52 min

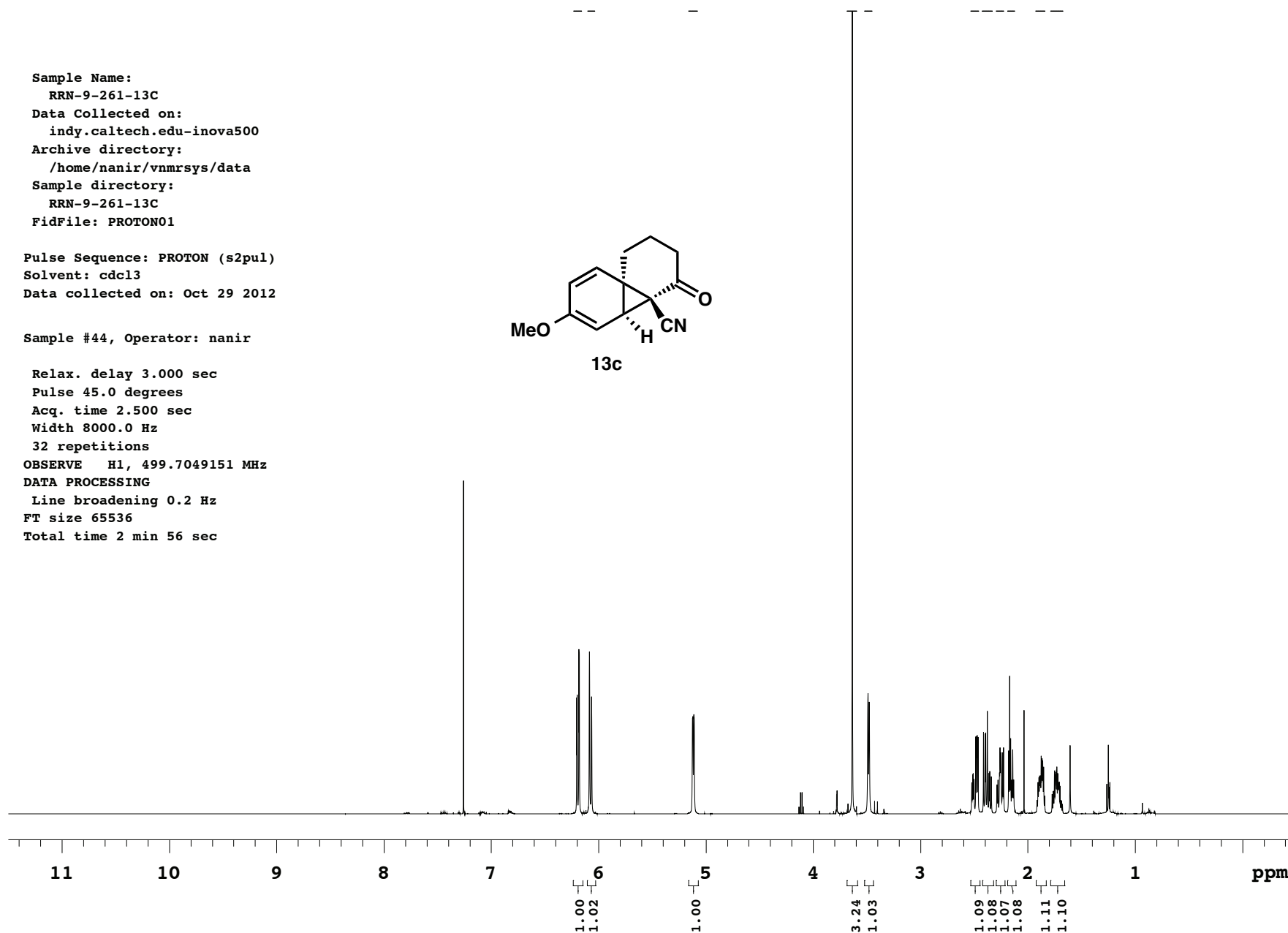
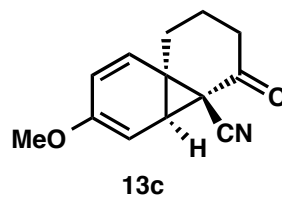


Sample Name:
 RRN-9-261-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-261-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Oct 29 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 32 repetitions
 OBSERVE H1, 499.7049151 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 2 min 56 sec

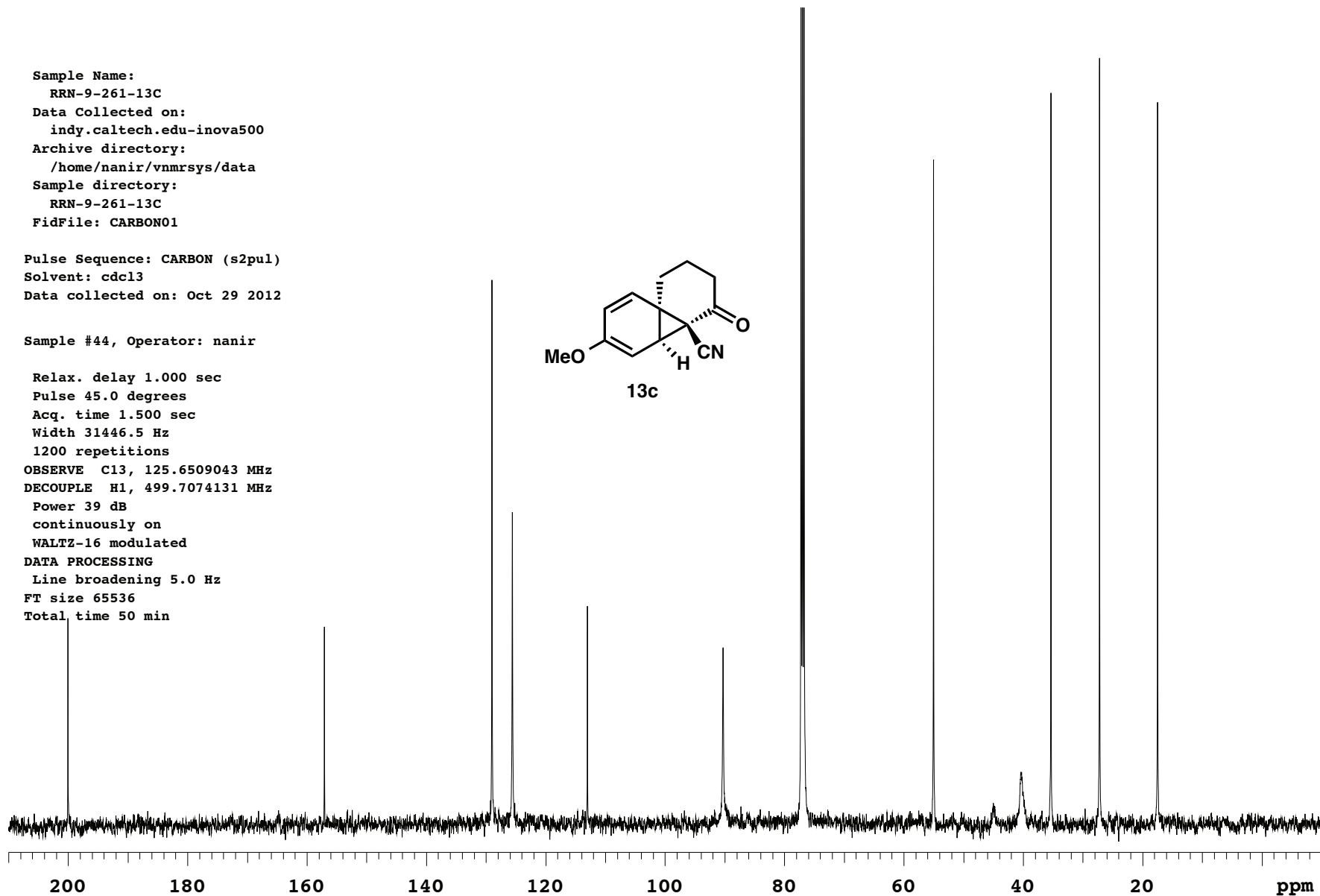
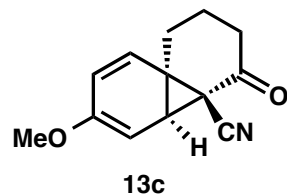


Sample Name:
RRN-9-261-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-261-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 29 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
1200 repetitions
OBSERVE C13, 125.6509043 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 50 min

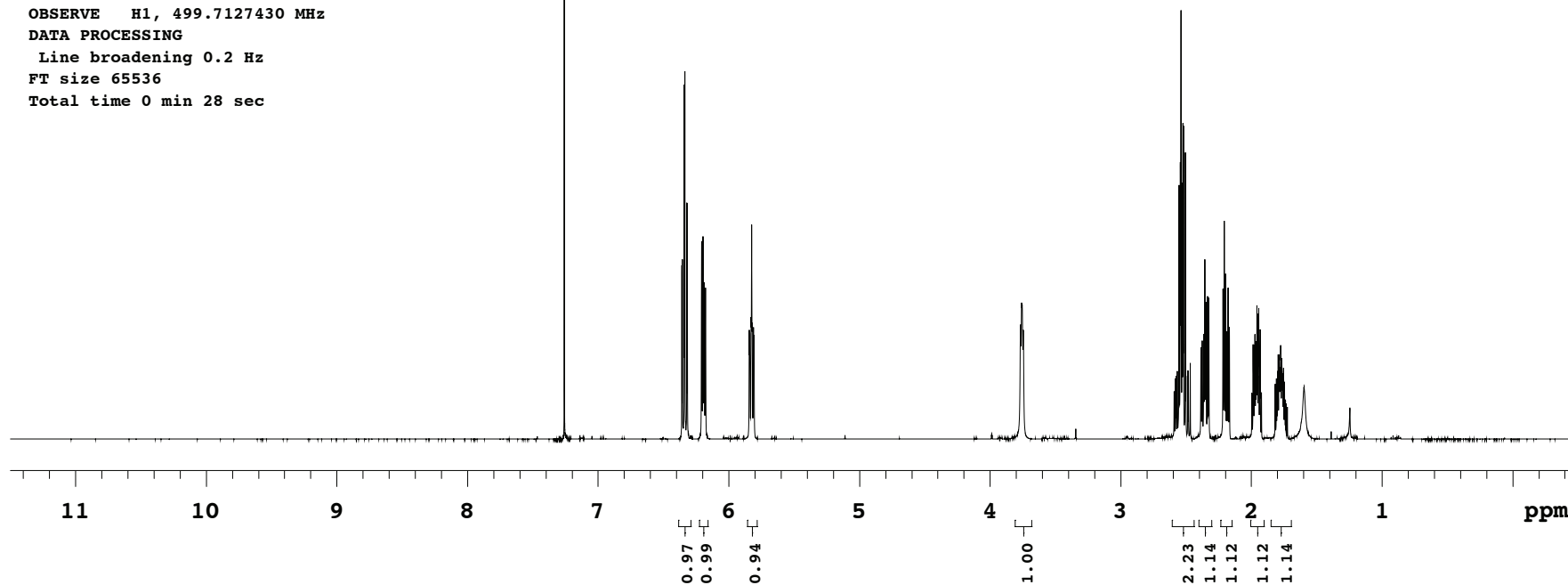
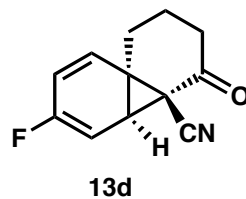


Sample Name:
RRN-7-169-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-169-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 22 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7127430 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec

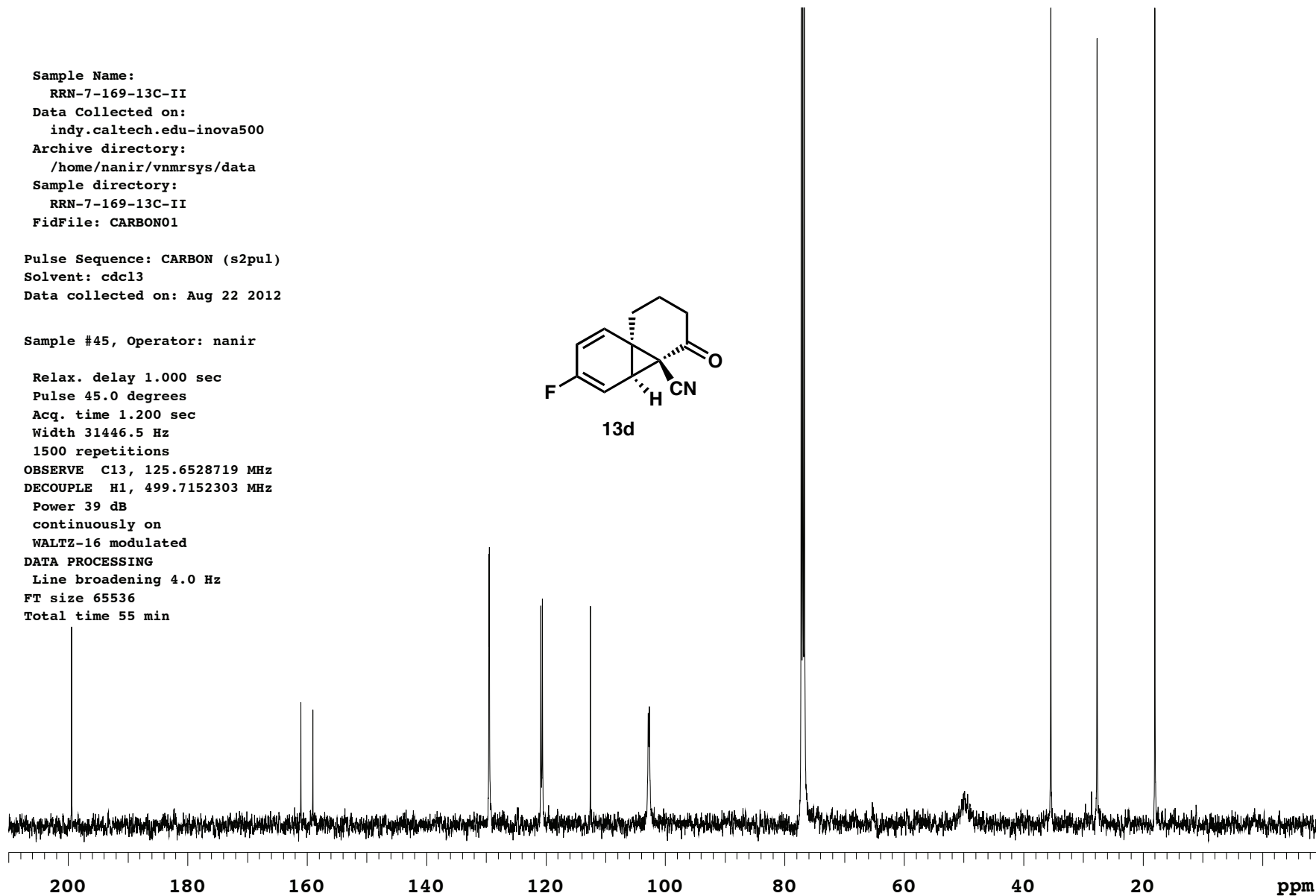
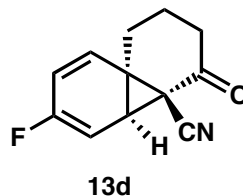


Sample Name:
RRN-7-169-13C-II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-169-13C-II
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 22 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.200 sec
Width 31446.5 Hz
1500 repetitions
OBSERVE C13, 125.6528719 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 4.0 Hz
FT size 65536
Total time 55 min

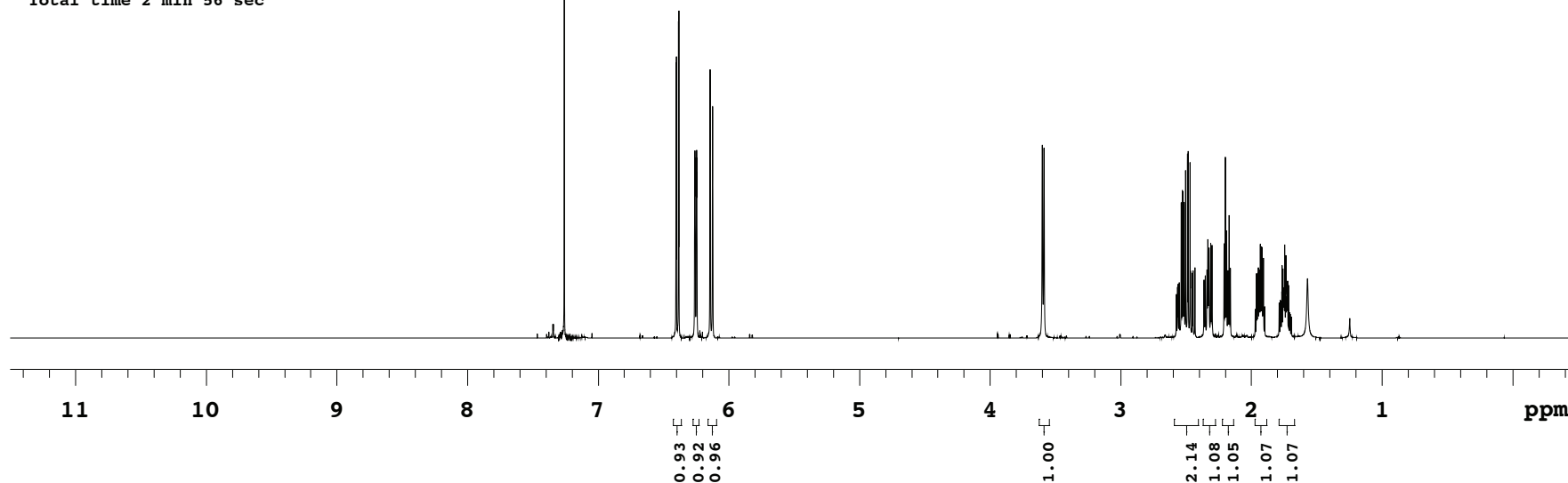
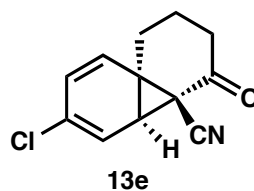


Sample Name:
RRN-8-207-C1-rex
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-207-C1-rex
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 21 2012

Sample #31, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec



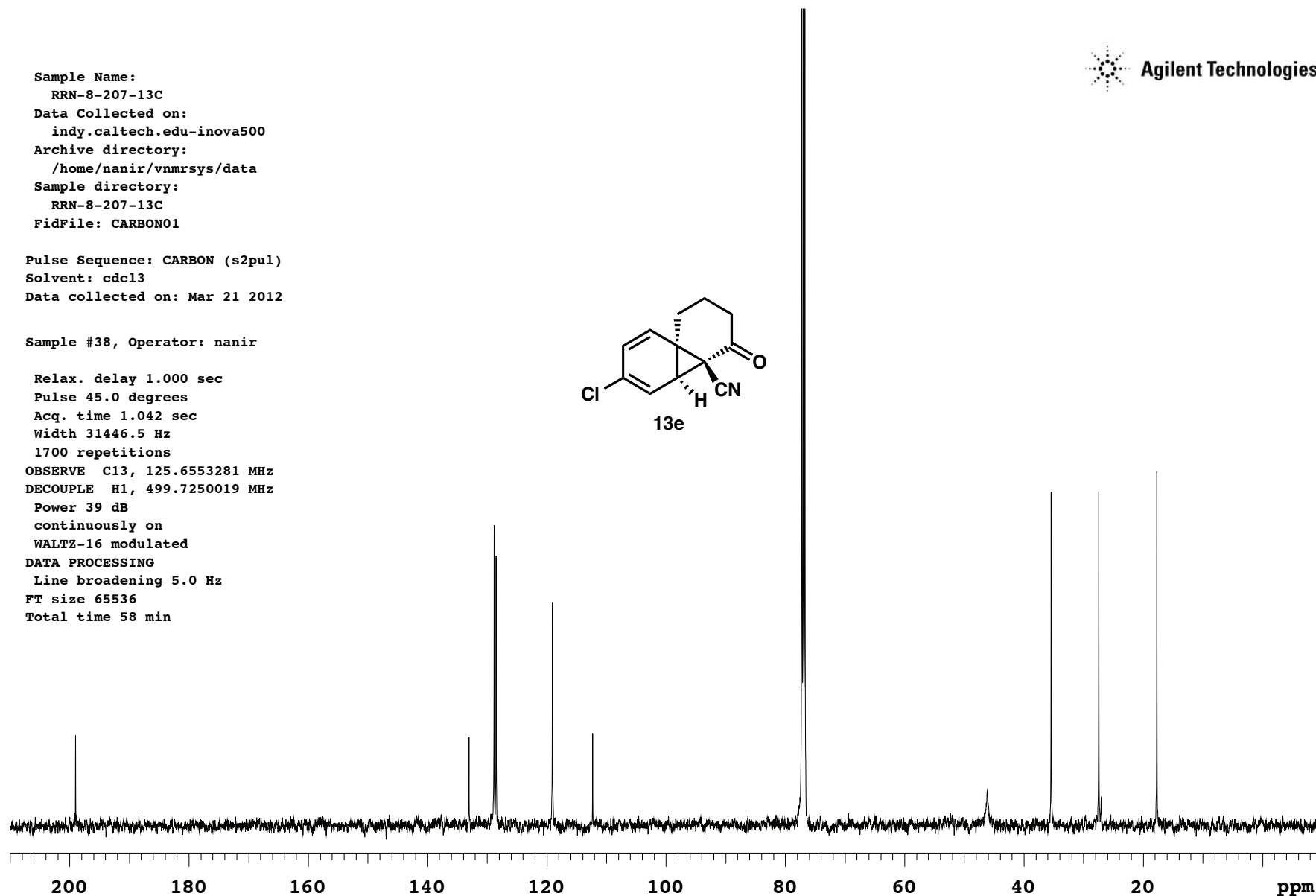
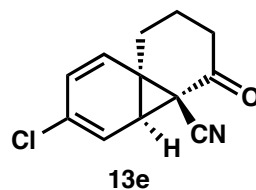
Plotname: --Not assigned--

Sample Name:
RRN-8-207-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-207-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 21 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1700 repetitions
OBSERVE C13, 125.6553281 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 58 min



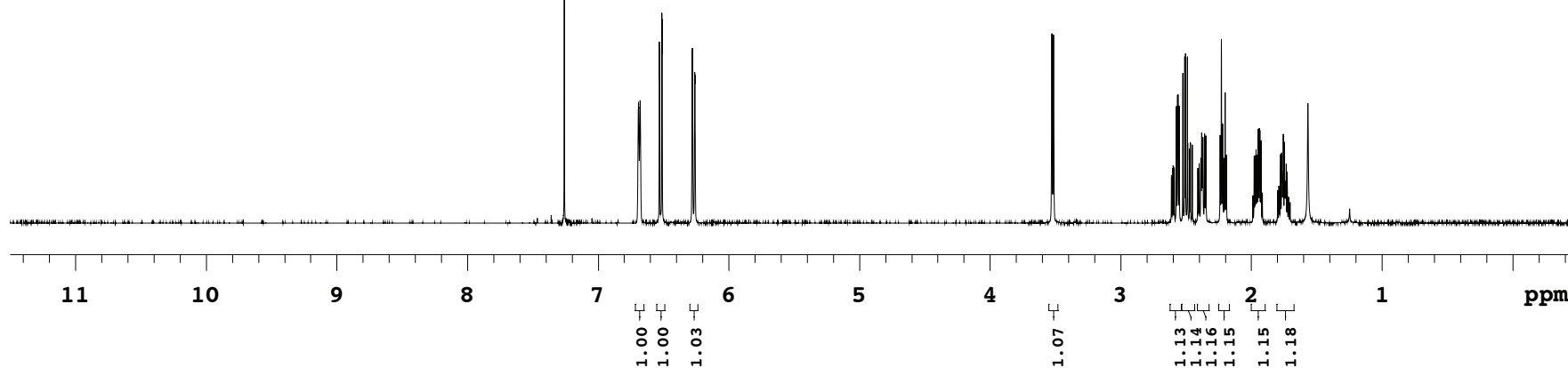
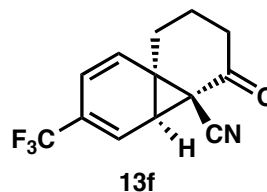
Plotname: --Not assigned--

Sample Name:
RRN-8-211-retest_1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-211-retest_1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 21 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



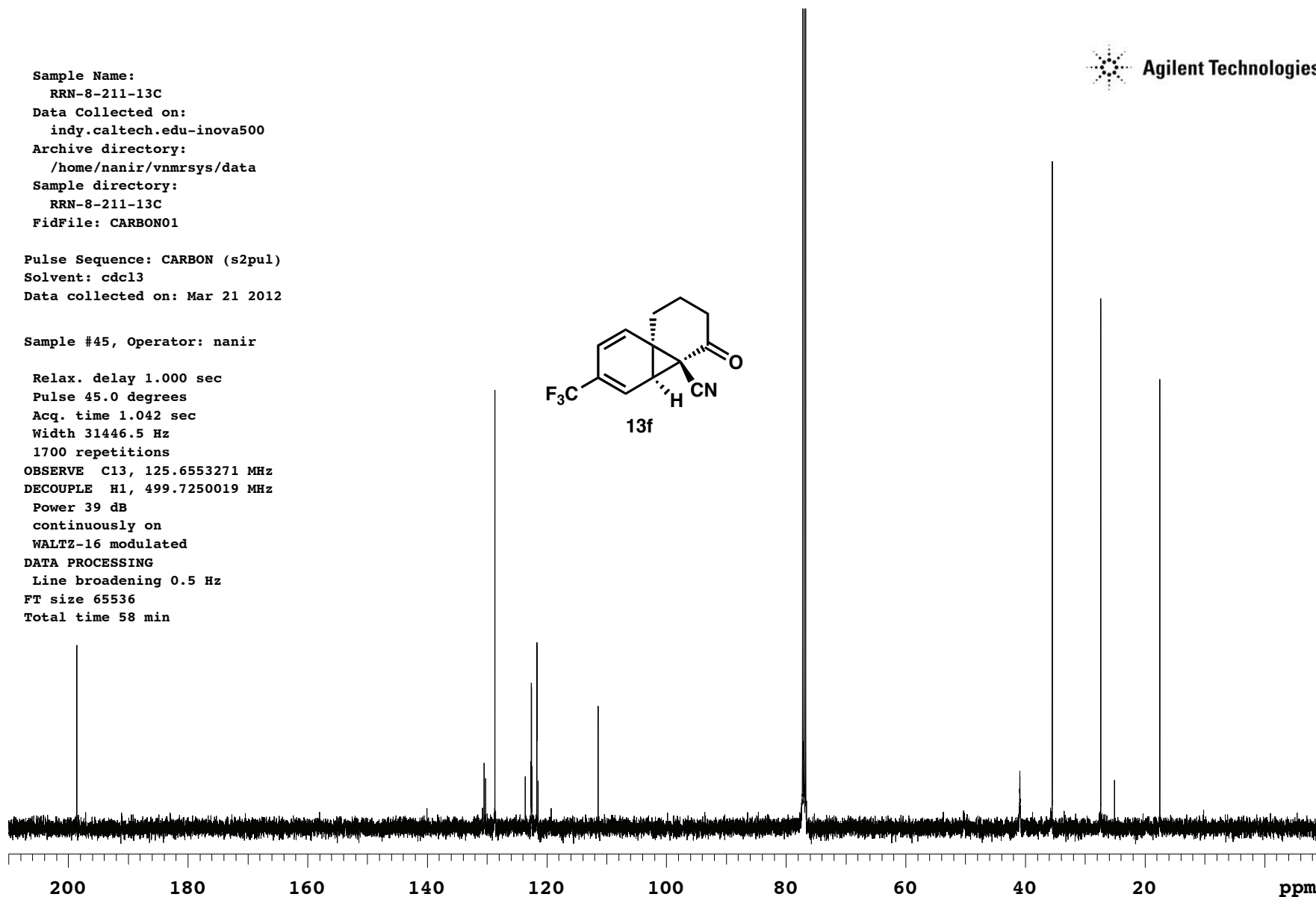
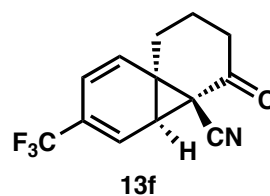
Plotname: --Not assigned--

Sample Name:
RRN-8-211-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-211-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 21 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1700 repetitions
OBSERVE C13, 125.6553271 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 58 min



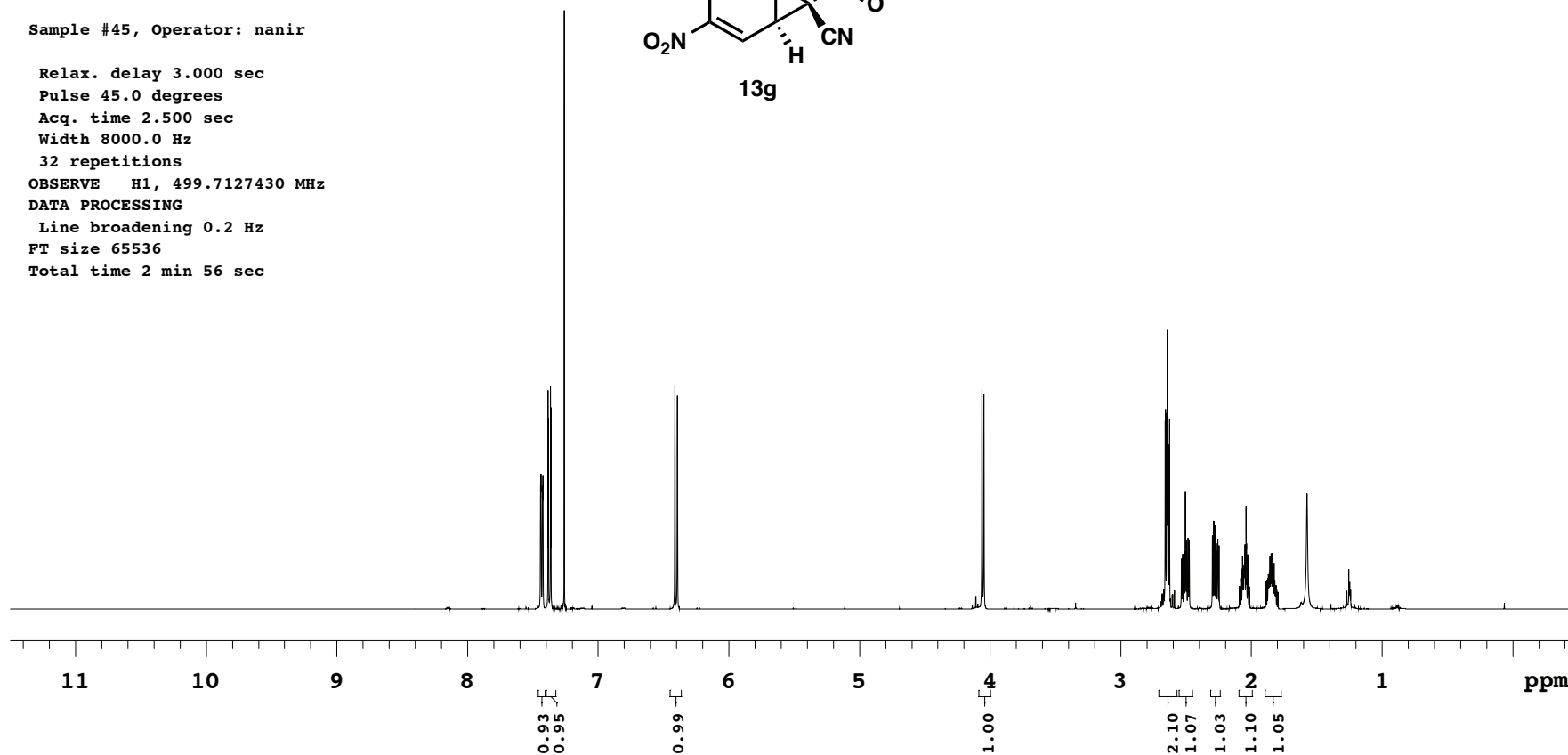
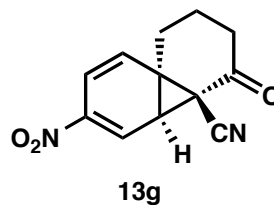
Plotname: --Not assigned--

Sample Name:
RRN-9-139-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-139-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 20 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7127430 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec

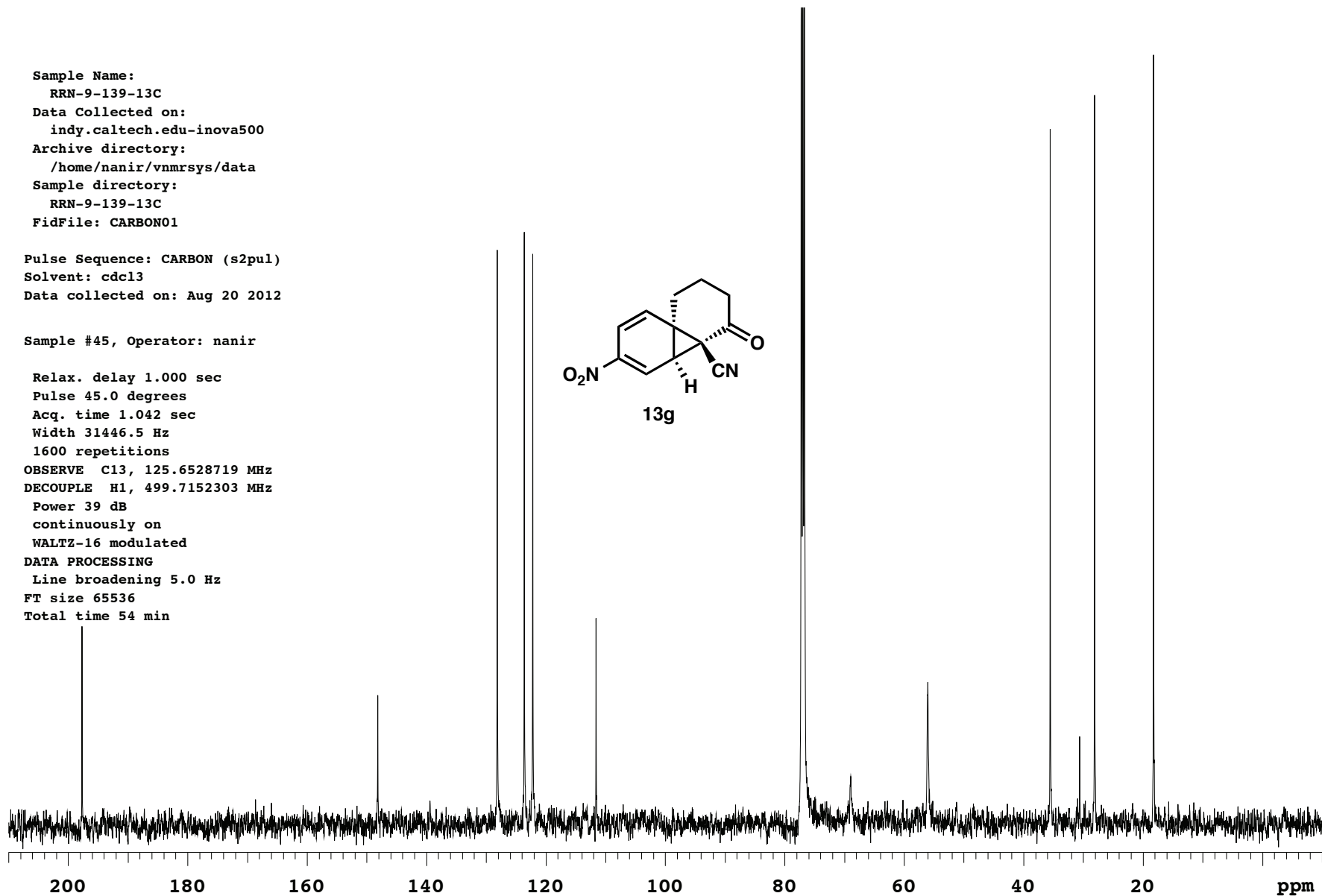
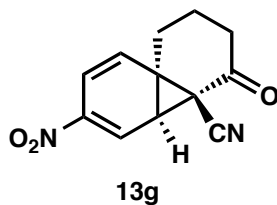


Sample Name:
RRN-9-139-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-139-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Aug 20 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6528719 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 54 min

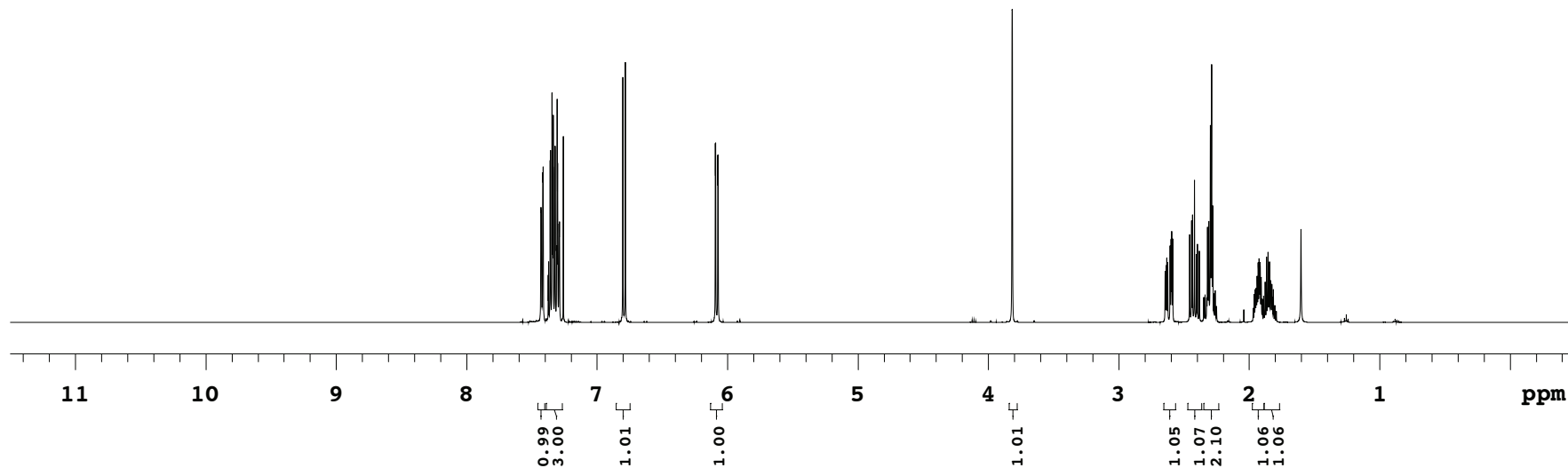
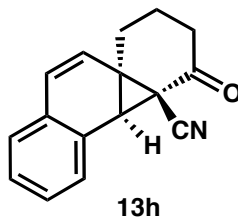


Sample Name:
RRN-9-263-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-263-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 31 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec

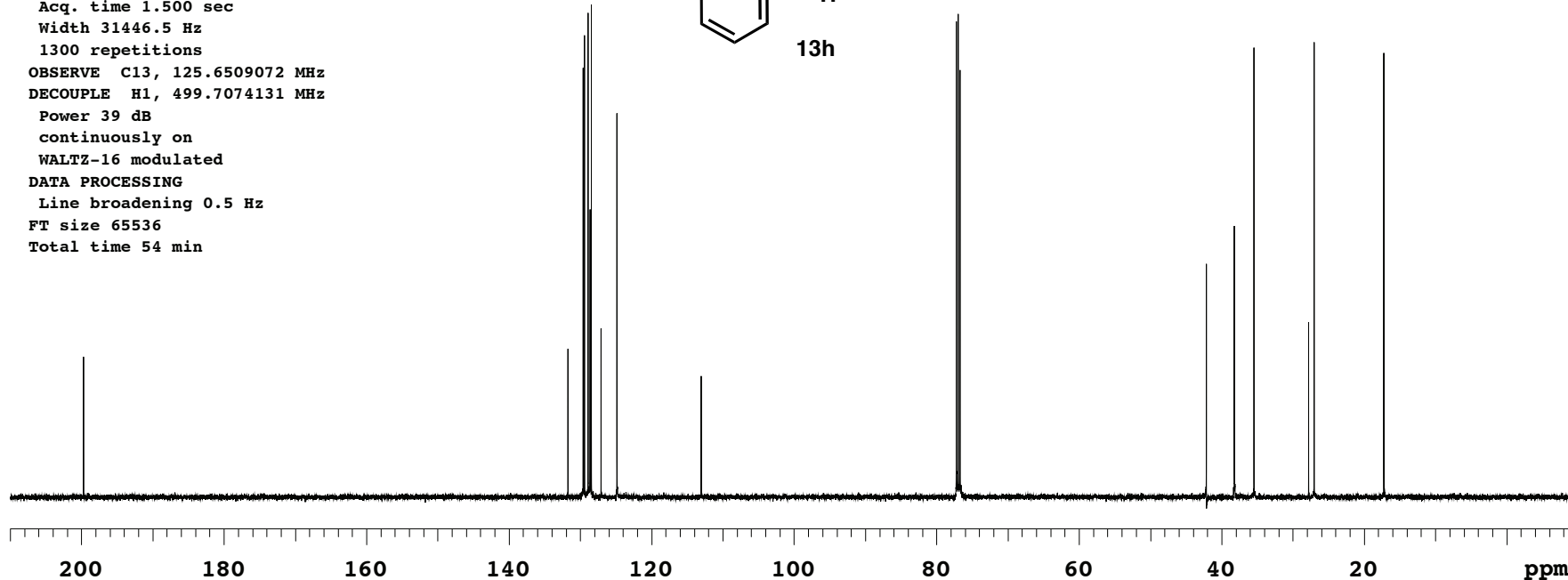
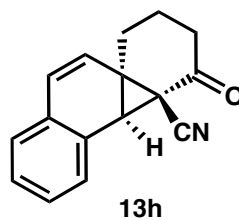


Sample Name:
RRN-9-263-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-263-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 31 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6509072 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 54 min

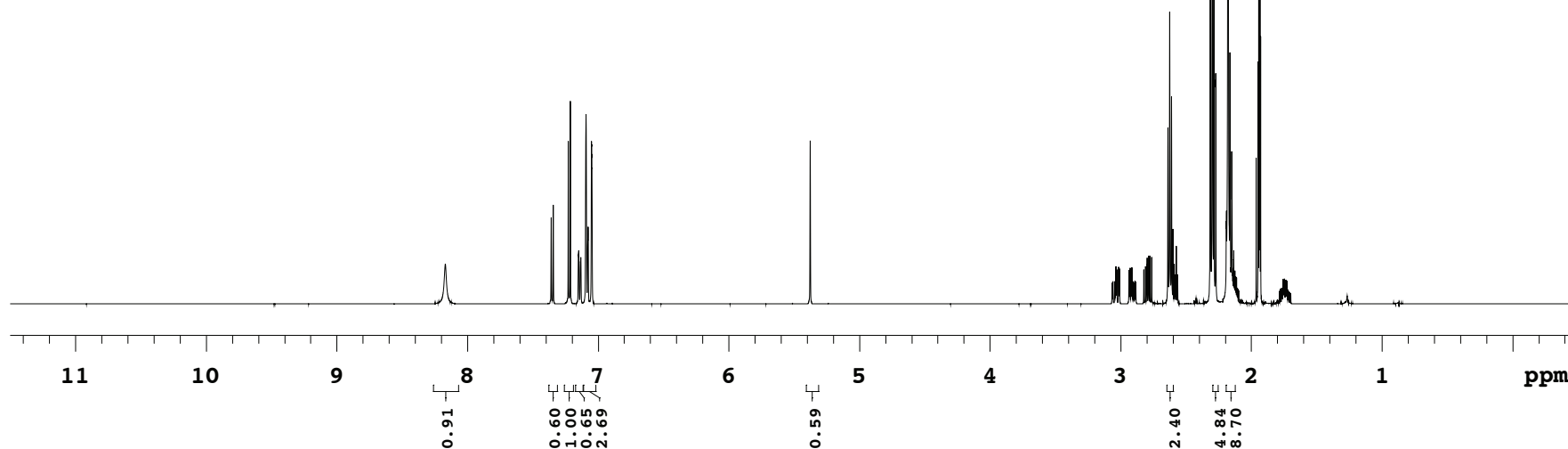
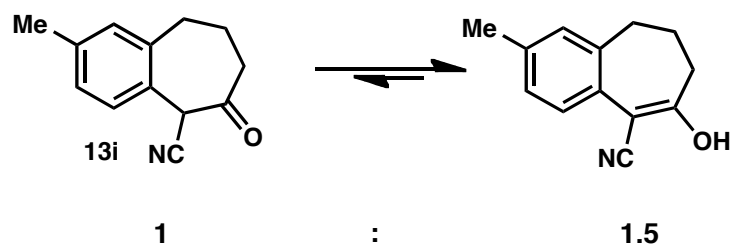


Sample Name:
RRN-7-219-1H_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-219-1H_II
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cd3cn
Data collected on: Jun 11 2012

Sample #44, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7153977 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



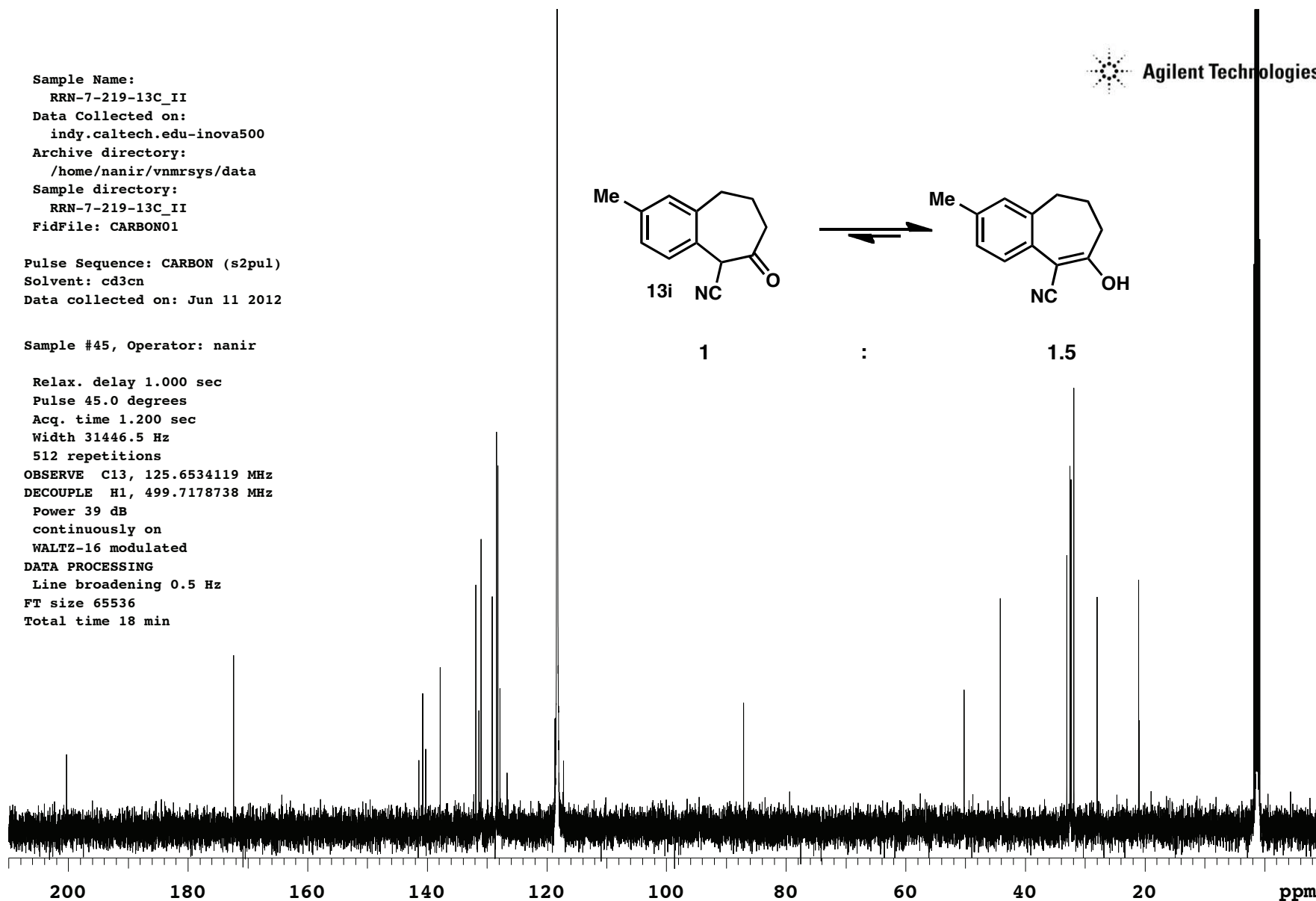
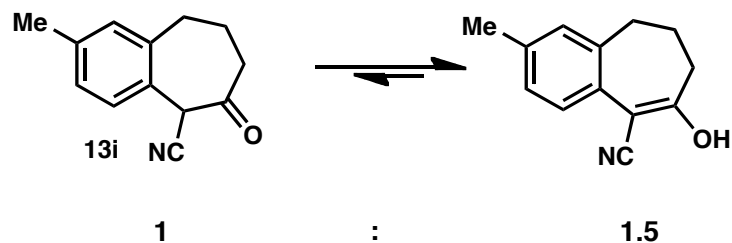
Plotname: --Not assigned--

Sample Name:
RRN-7-219-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-219-13C_II
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cd3cn
Data collected on: Jun 11 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.200 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6534119 MHz
DECOUPLE H1, 499.7178738 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 18 min



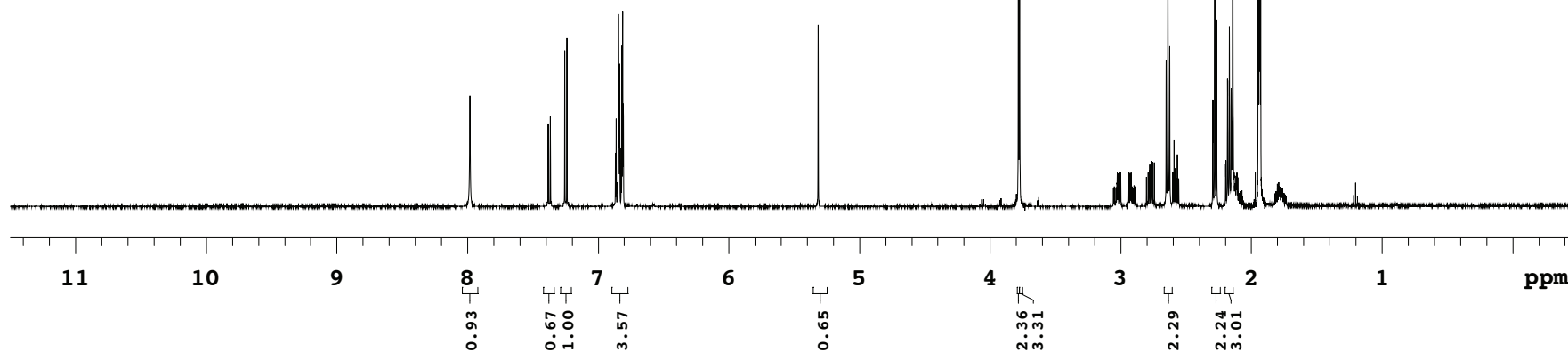
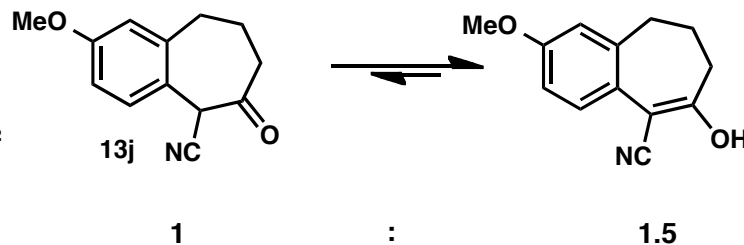
Plotname: --Not assigned--

Sample Name:
RRN-7-295-1H_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-295-1H_II
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cd3cn
Data collected on: Jun 14 2012

Sample #42, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7153979 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



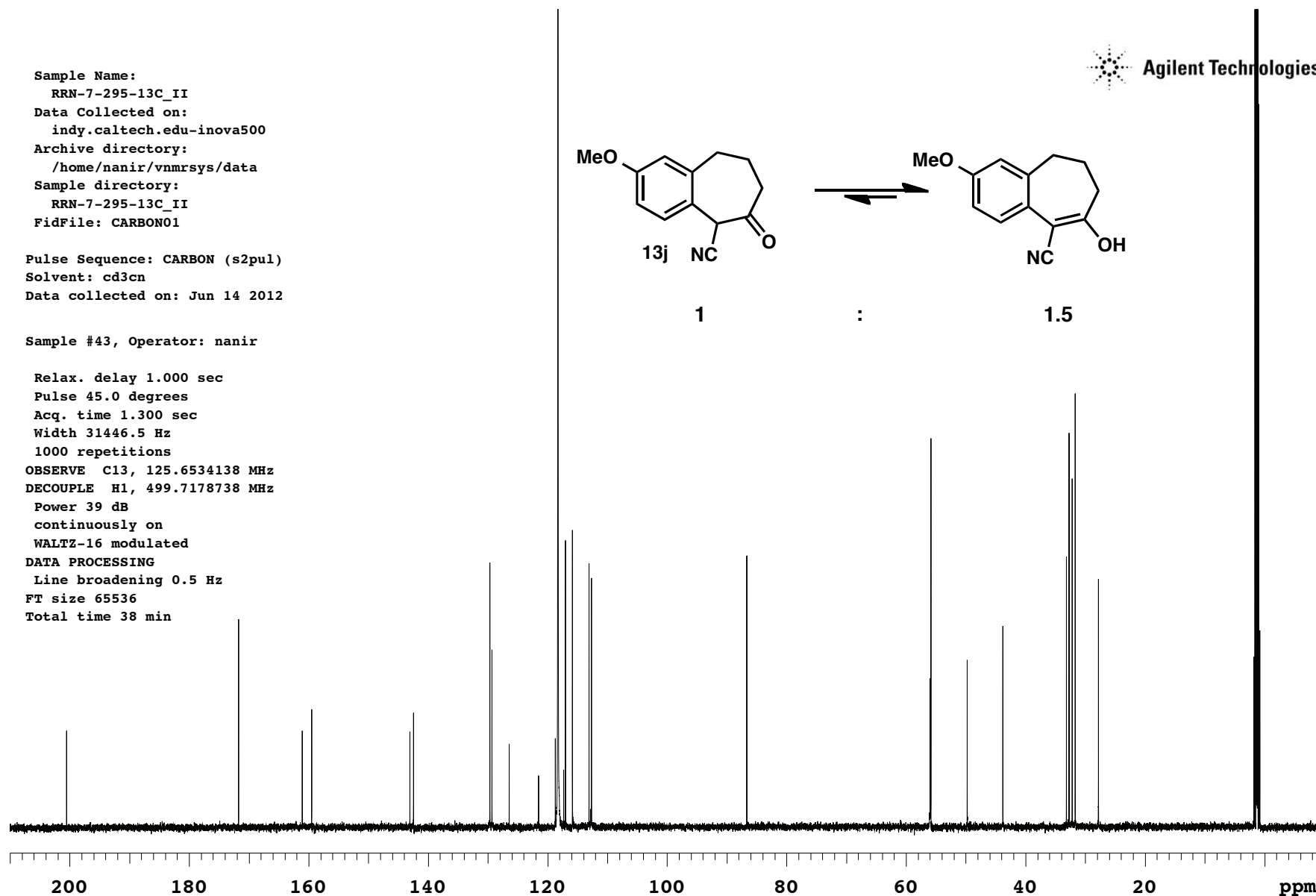
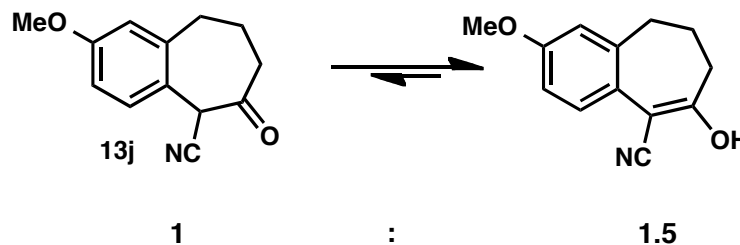
Plotname: --Not assigned--

Sample Name:
RRN-7-295-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-295-13C_II
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cd3cn
Data collected on: Jun 14 2012

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.300 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6534138 MHz
DECOUPLE H1, 499.7178738 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 38 min



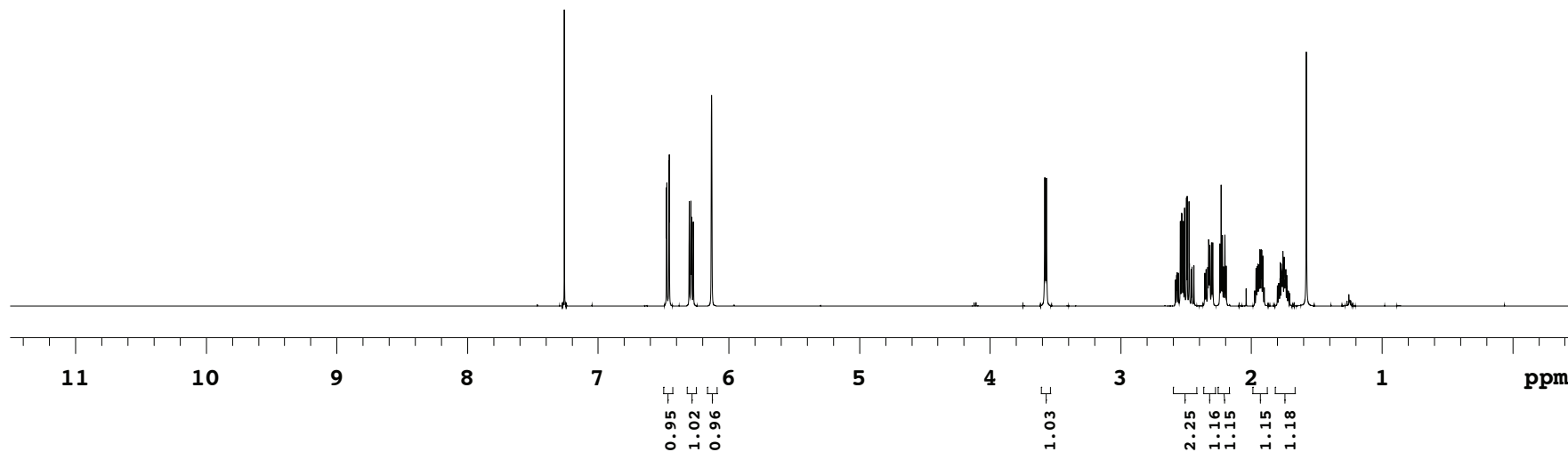
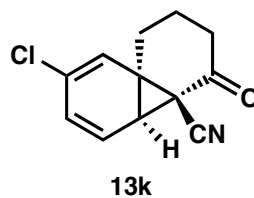
Plotname: --Not assigned--

Sample Name:
test
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
test
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 11 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7127432 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec

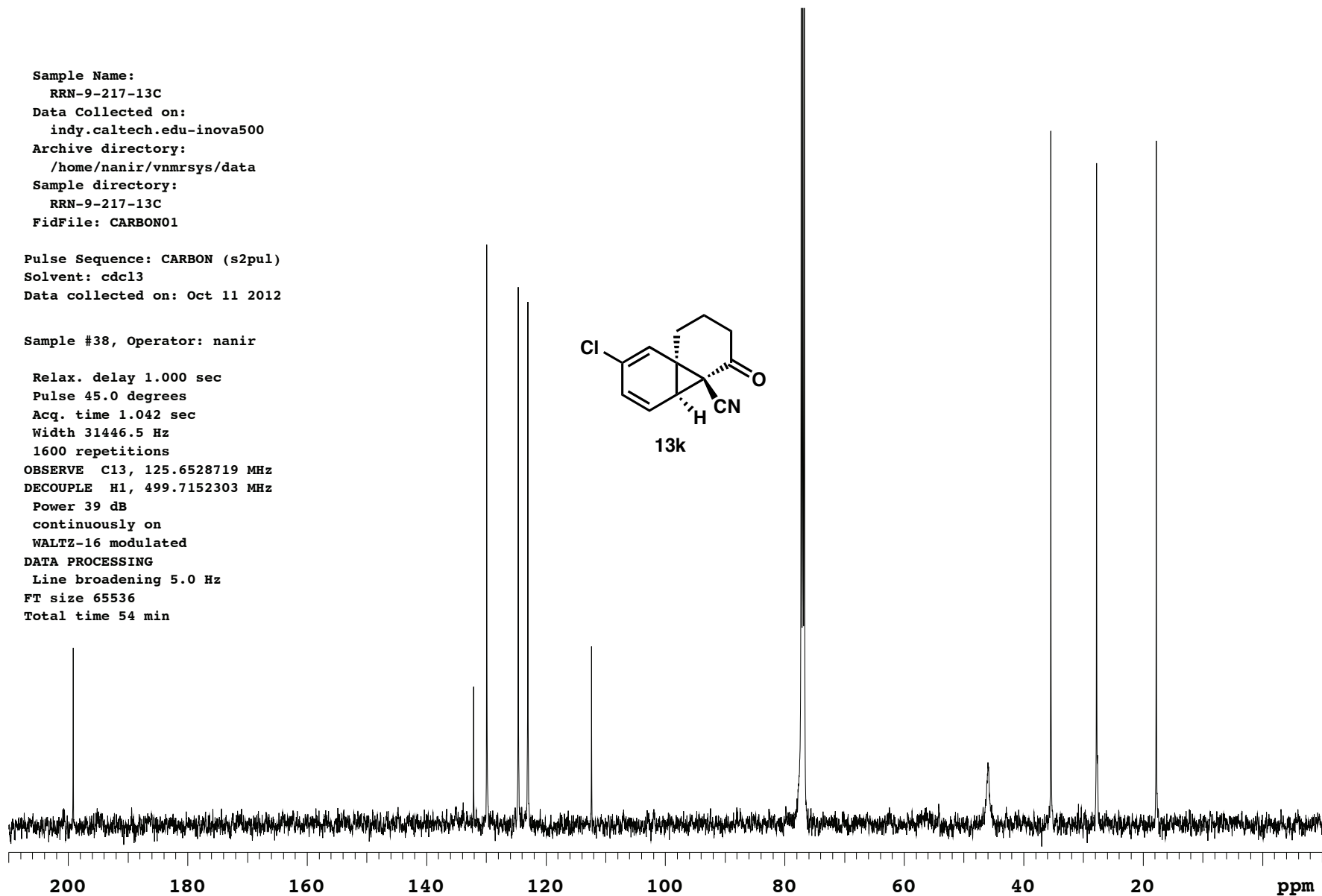
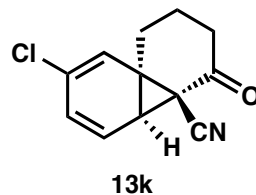


Sample Name:
RRN-9-217-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-217-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 11 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6528719 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 54 min

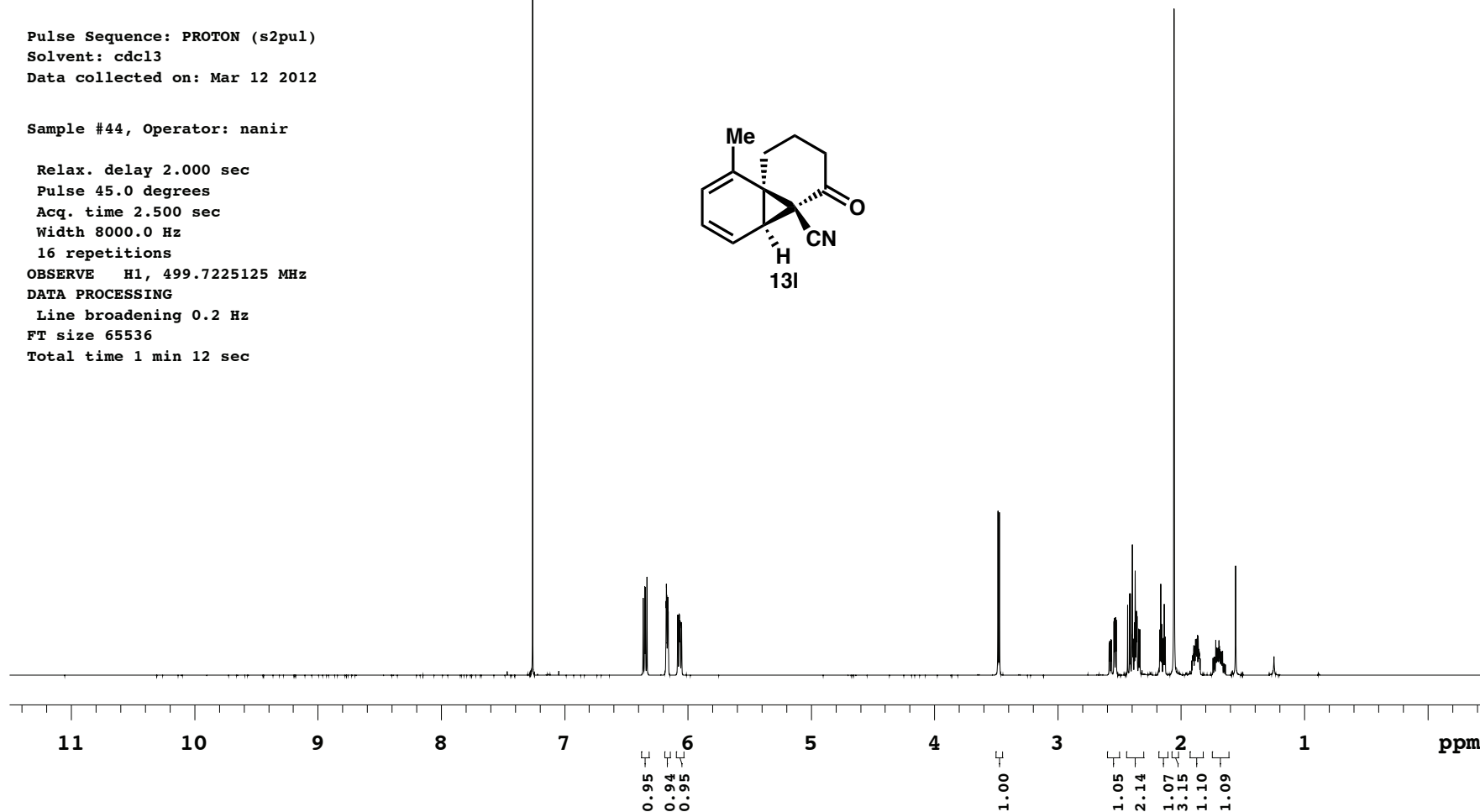
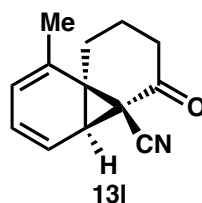


Sample Name:
RRN-7-77-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-77-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 12 2012

Sample #44, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



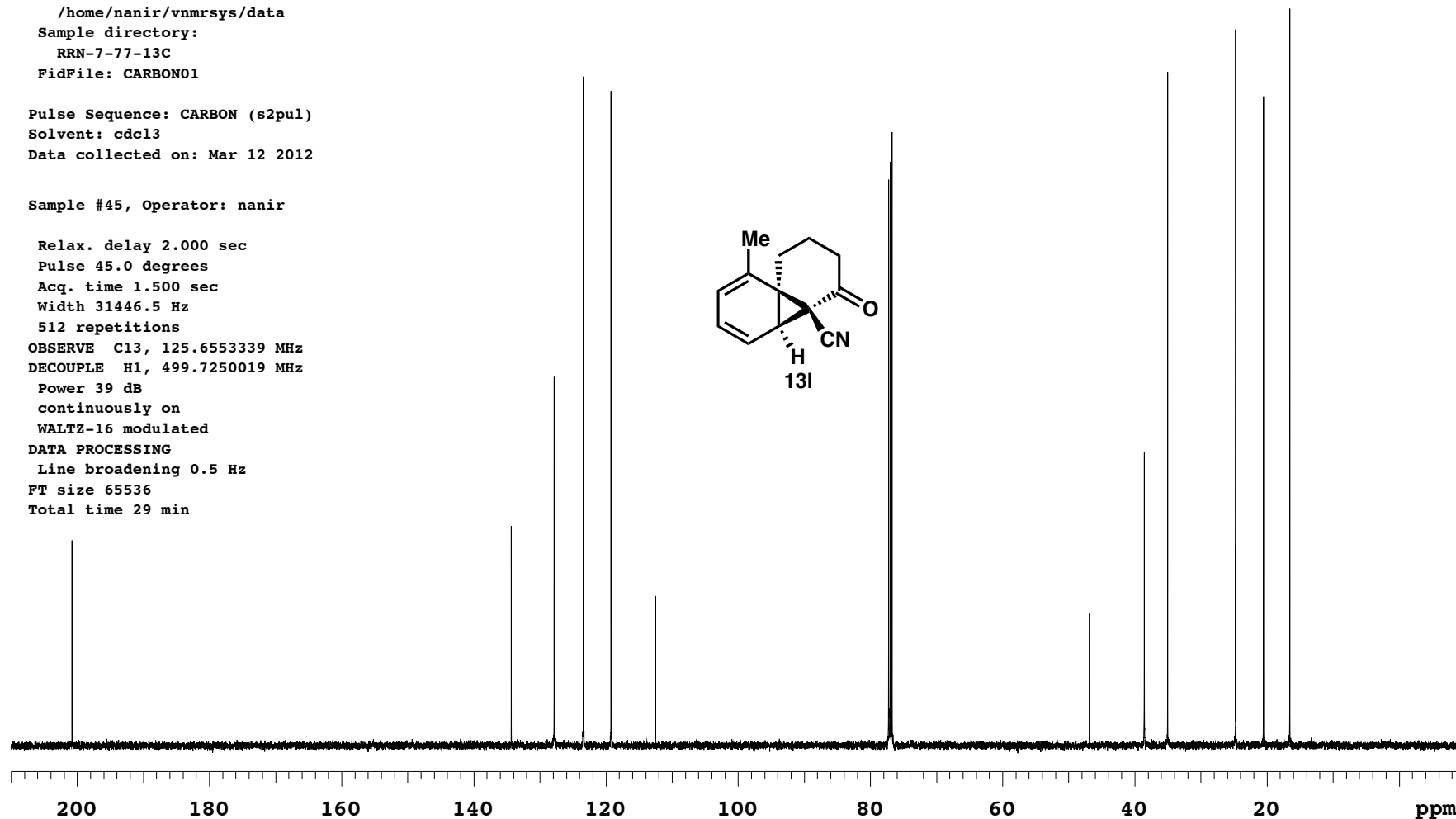
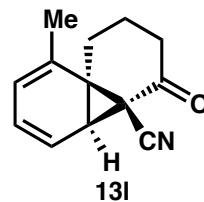
Plotname: --Not assigned--

Sample Name:
RRN-7-77-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-77-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 12 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6553339 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 29 min



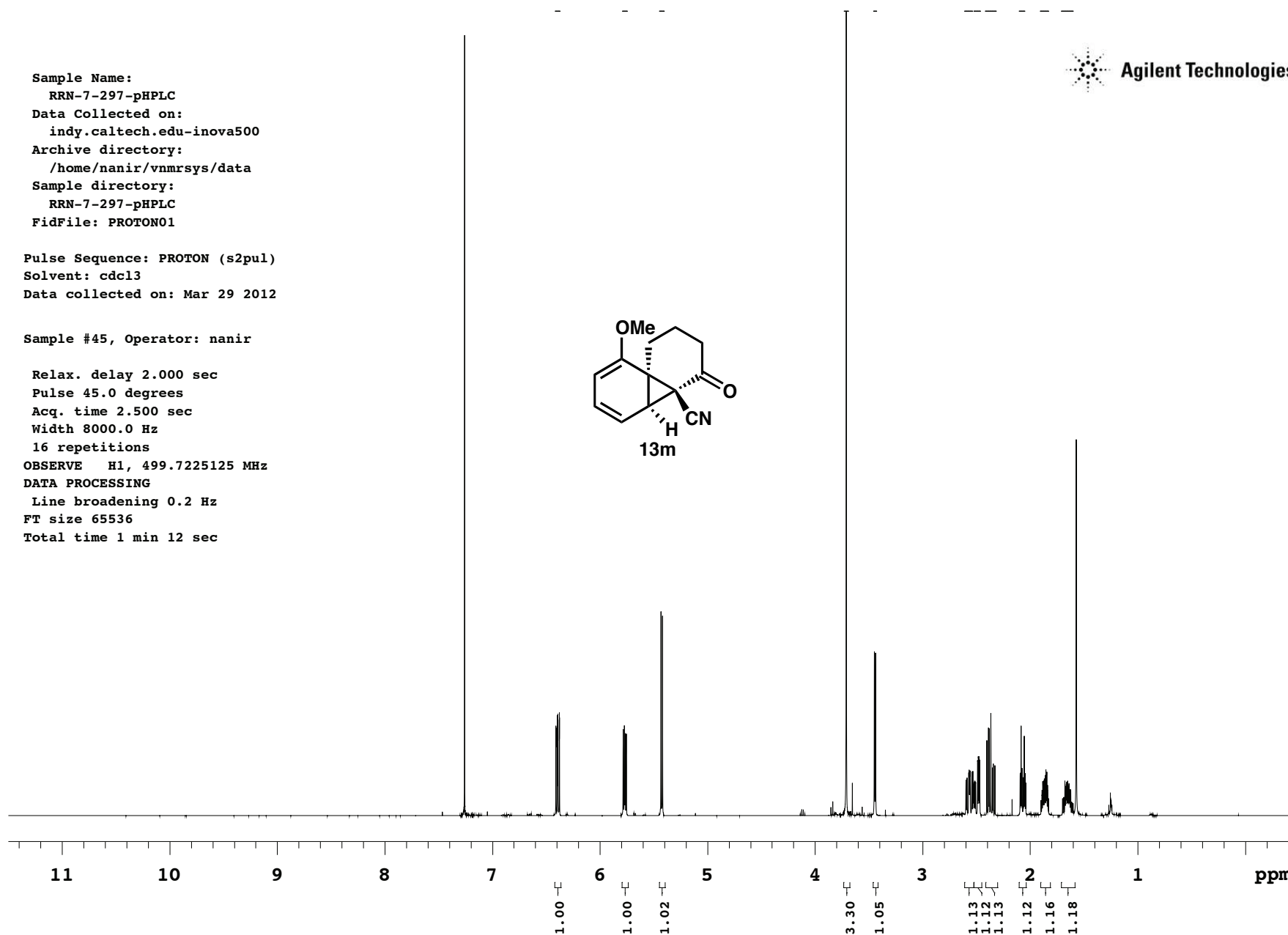
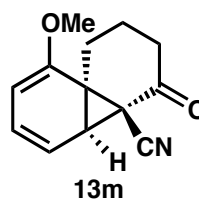
Plotname: --Not assigned--

Sample Name:
RRN-7-297-pHPLC
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-297-pHPLC
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 29 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



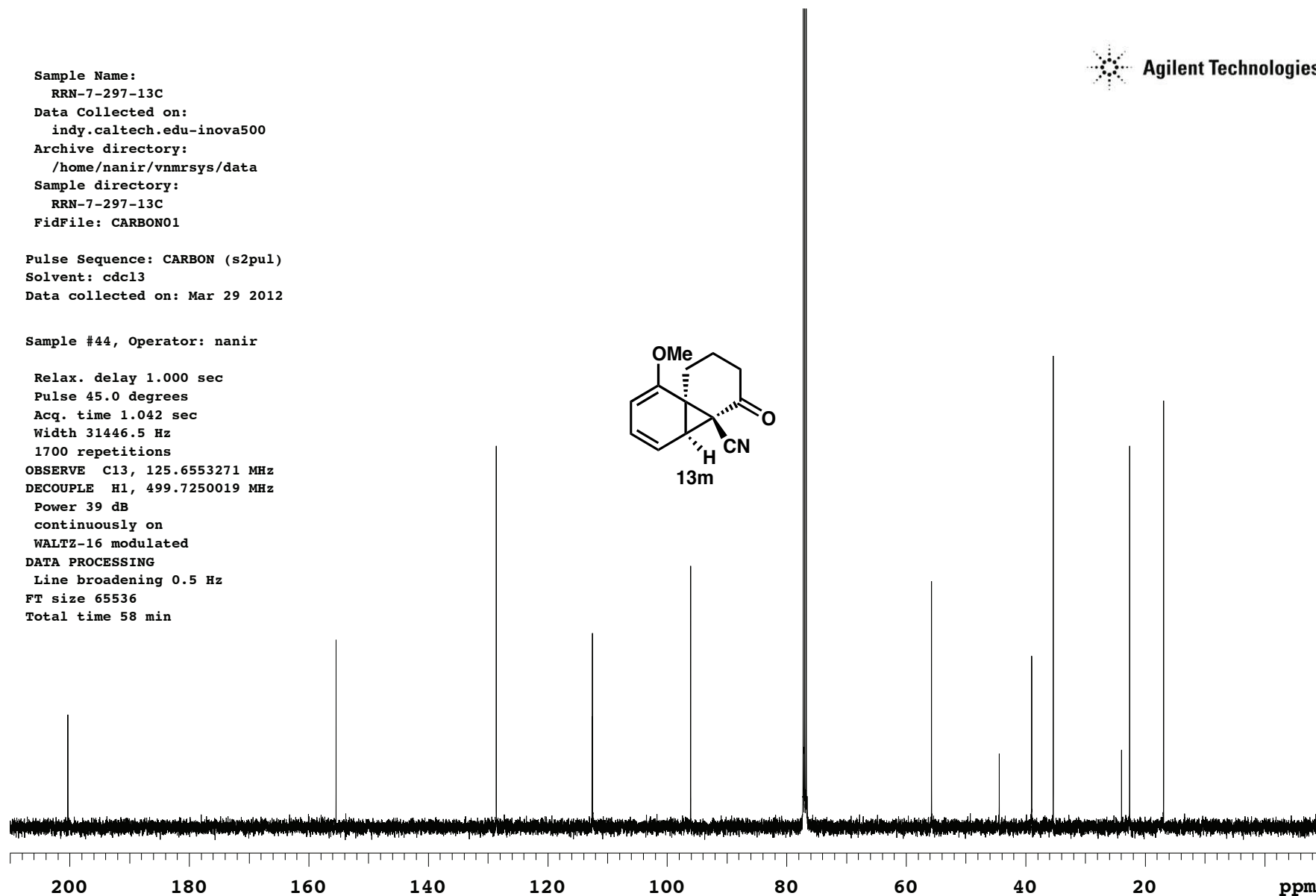
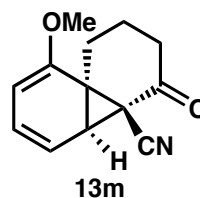
Plotname: --Not assigned--

Sample Name:
 RRN-7-297-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-7-297-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Mar 29 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.042 sec
 Width 31446.5 Hz
 1700 repetitions
 OBSERVE C13, 125.6553271 MHz
 DECOUPLE H1, 499.7250019 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 58 min



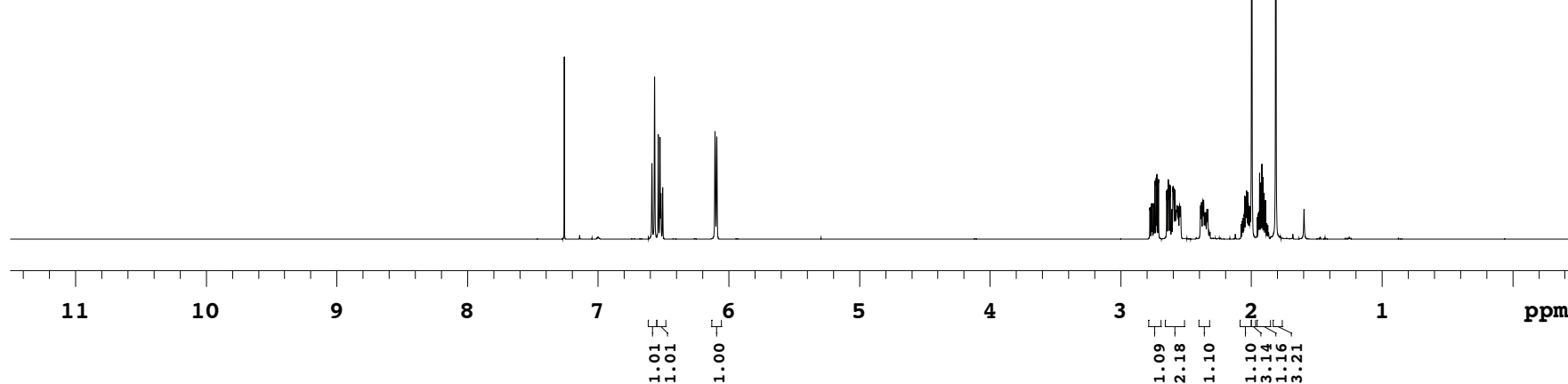
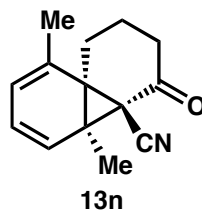
Plotname: --Not assigned--

Sample Name:
RRN-9-87-1_2nd_column
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-87-1_2nd_column
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 26 2012

Sample #39, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



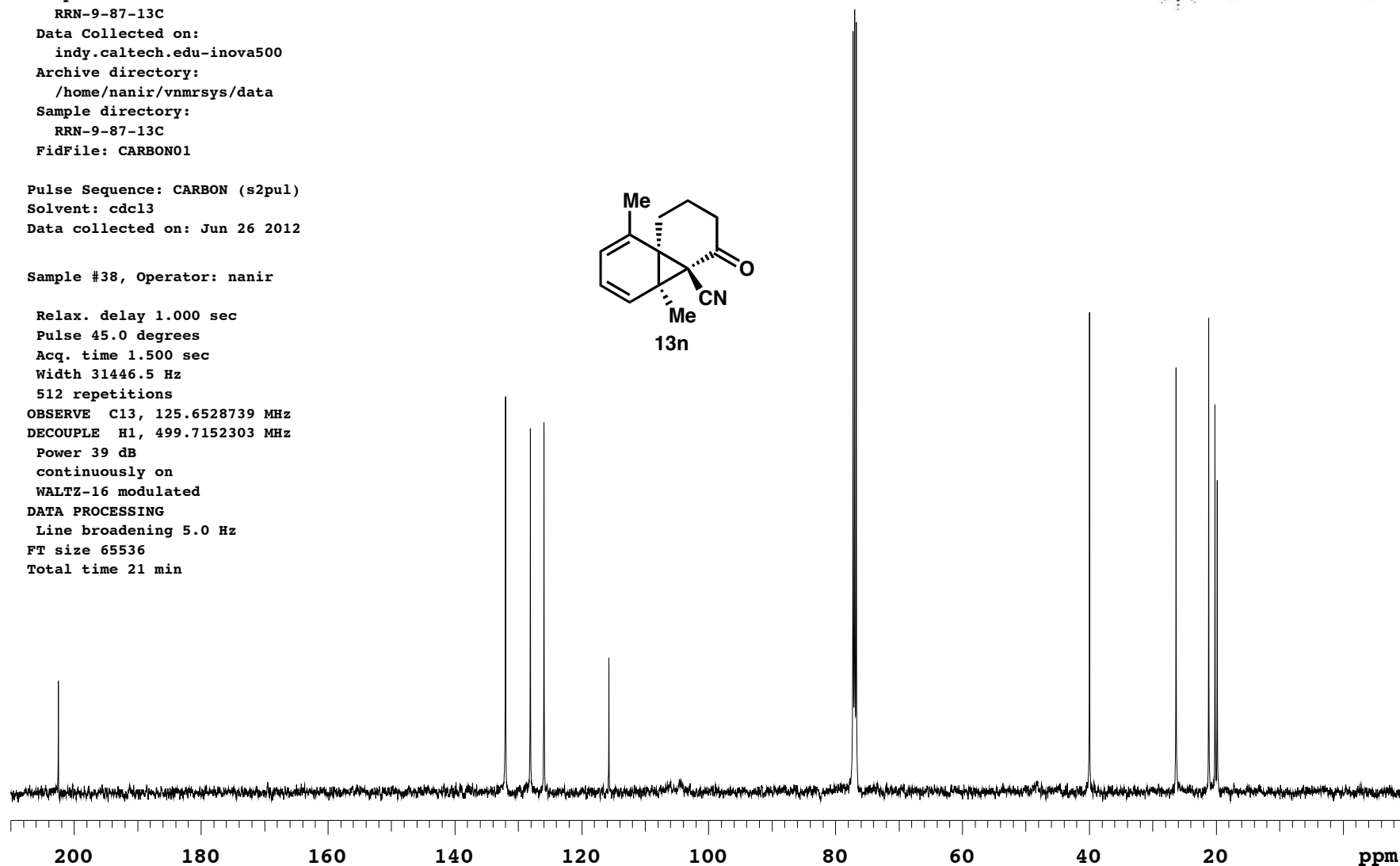
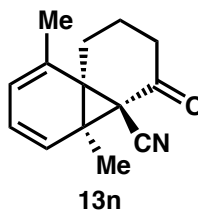
Plotname: --Not assigned--

Sample Name:
RRN-9-87-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-87-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 26 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528739 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 21 min



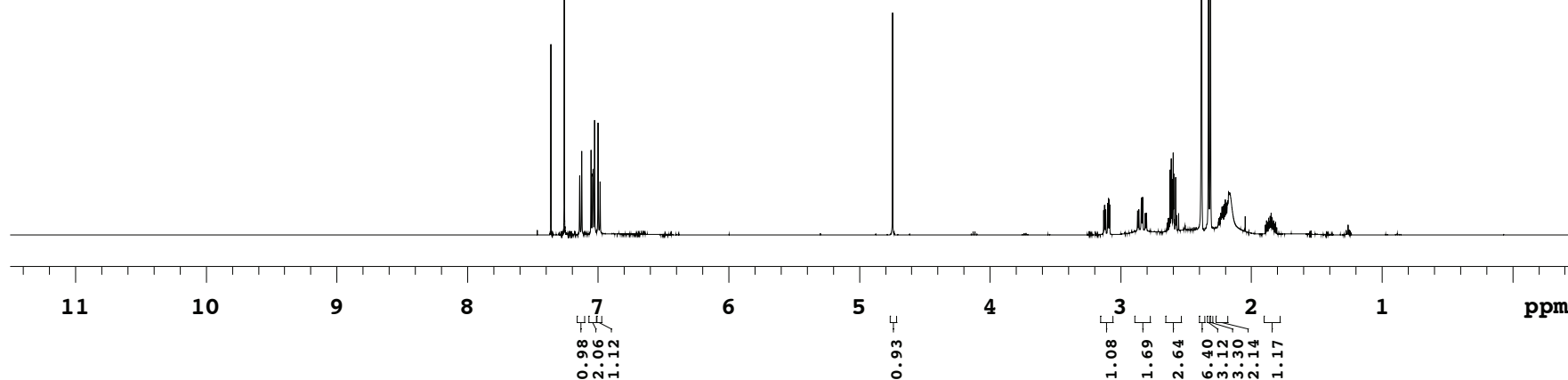
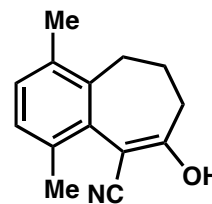
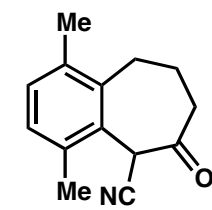
Plotname: --Not assigned--

Sample Name:
 RRN-9-180-rex
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-180-rex
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Oct 29 2012

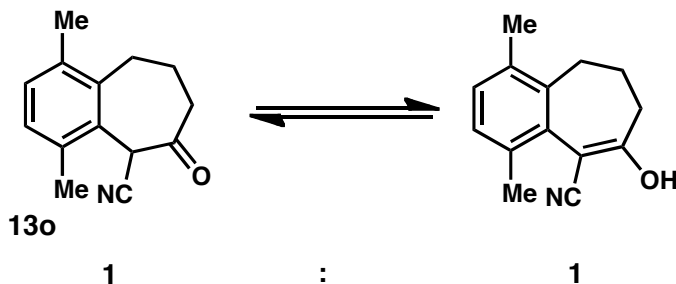
Sample #45, Operator: nanir

Relax. delay 3.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 16 repetitions
 OBSERVE H1, 499.7049151 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 1 min 28 sec



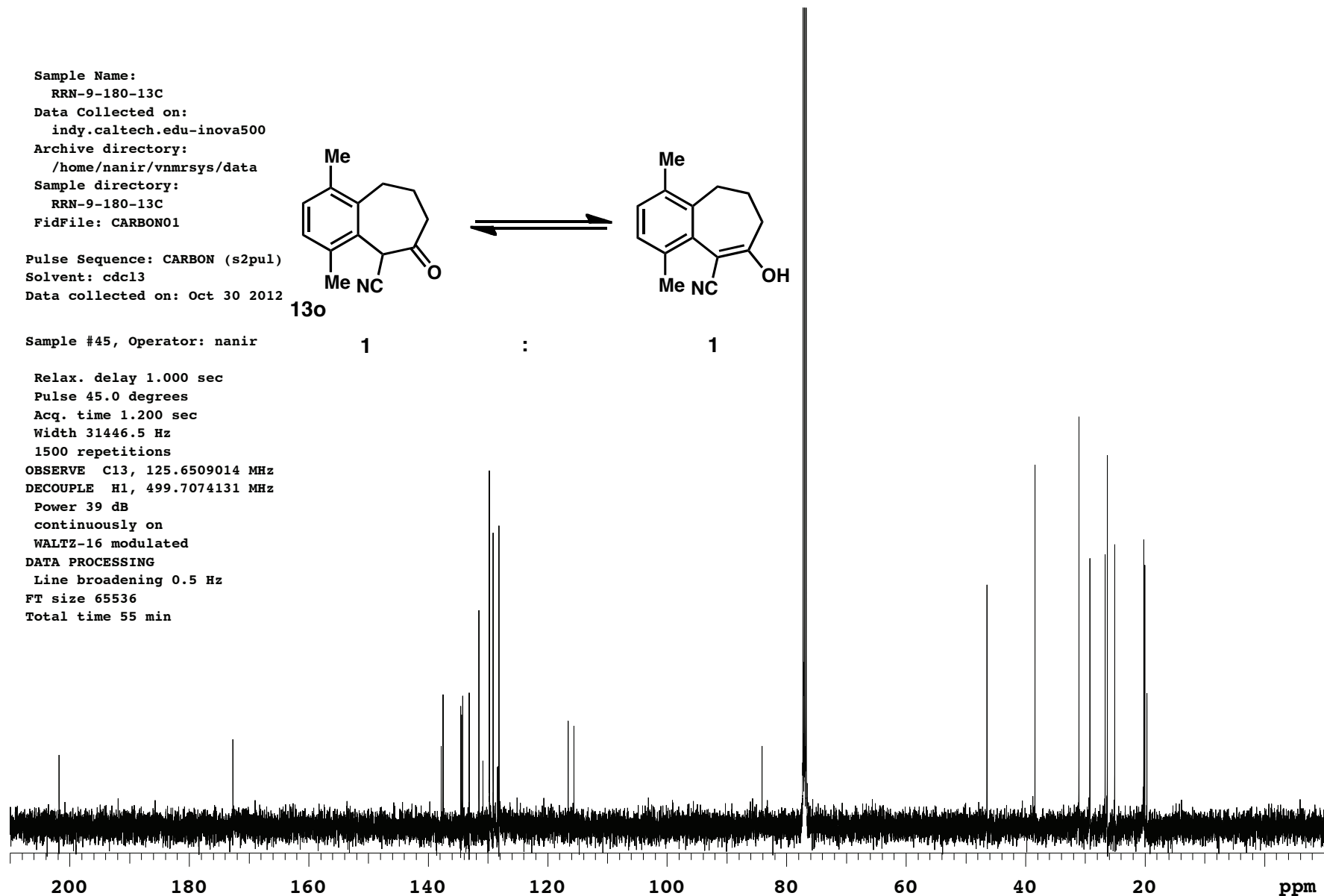
Sample Name:
 RRN-9-180-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-180-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Oct 30 2012



Sample #45, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.200 sec
 Width 31446.5 Hz
 1500 repetitions
 OBSERVE C13, 125.6509014 MHz
 DECOUPLE H1, 499.7074131 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 55 min

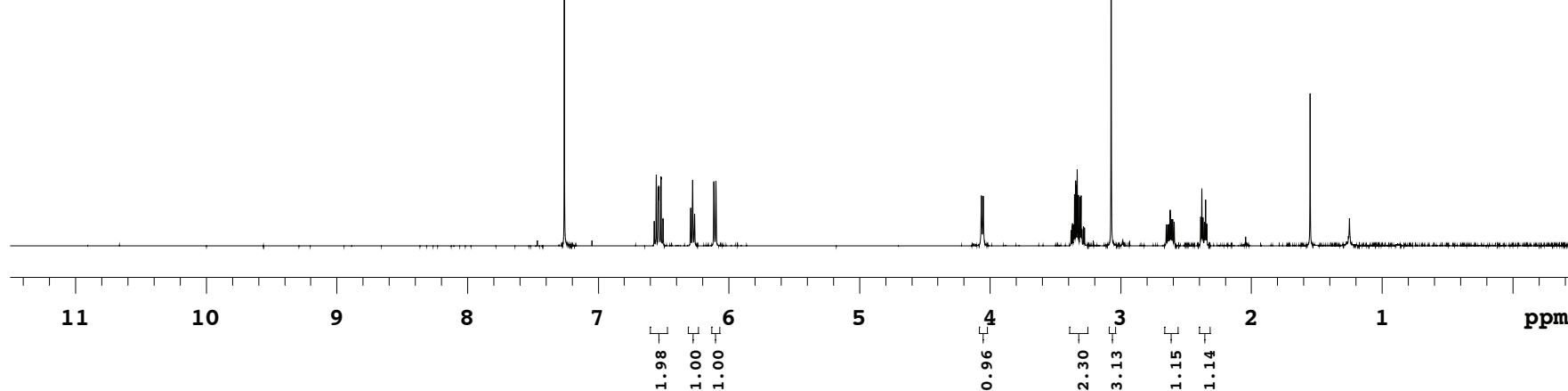
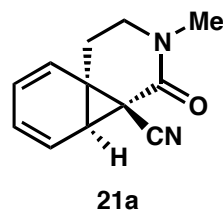


Sample Name:
RRN-7-25-rex
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-25-rex
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 5 2012

Sample #25, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec



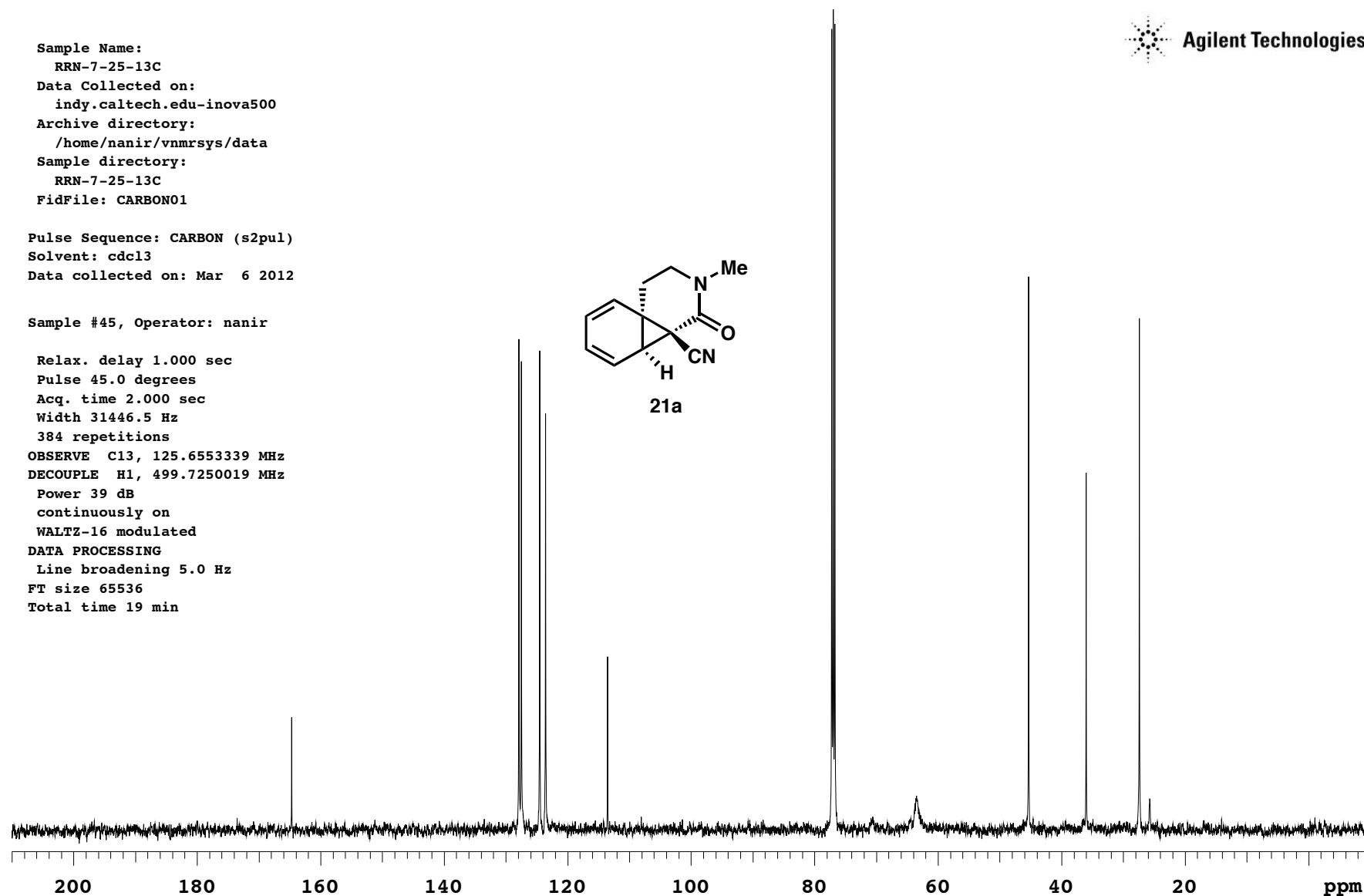
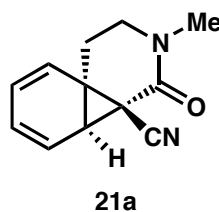
Plotname: --Not assigned--

Sample Name:
RRN-7-25-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-25-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 6 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
384 repetitions
OBSERVE C13, 125.6553339 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 19 min



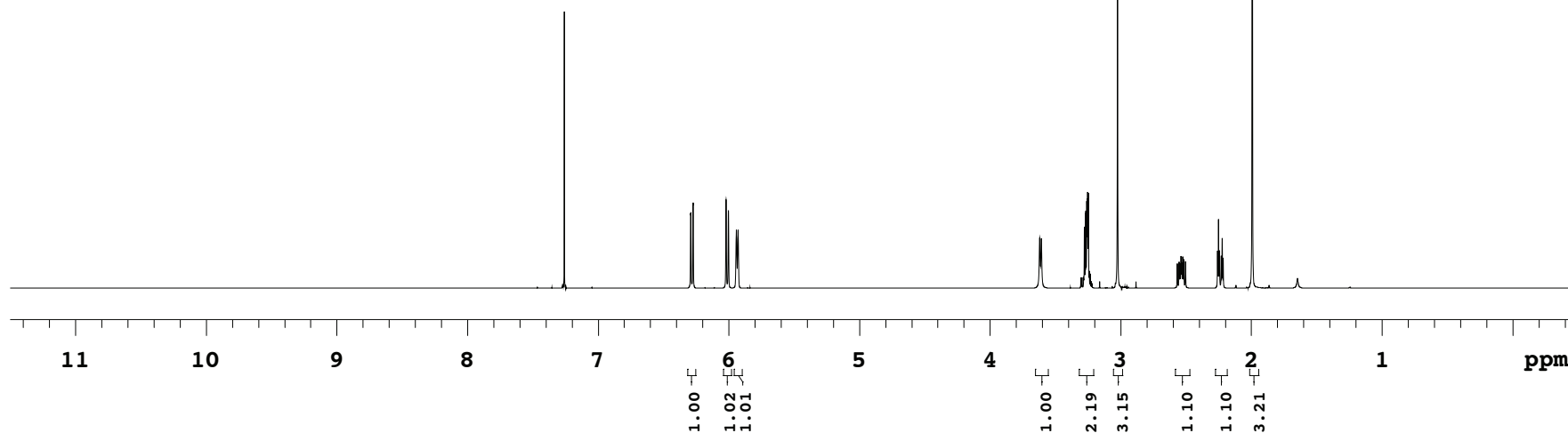
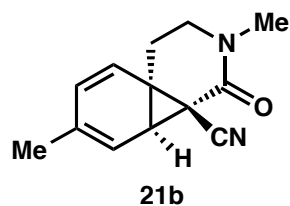
Plotname: --Not assigned--

Sample Name:
RRN-7-32-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-32-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 9 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 24 sec



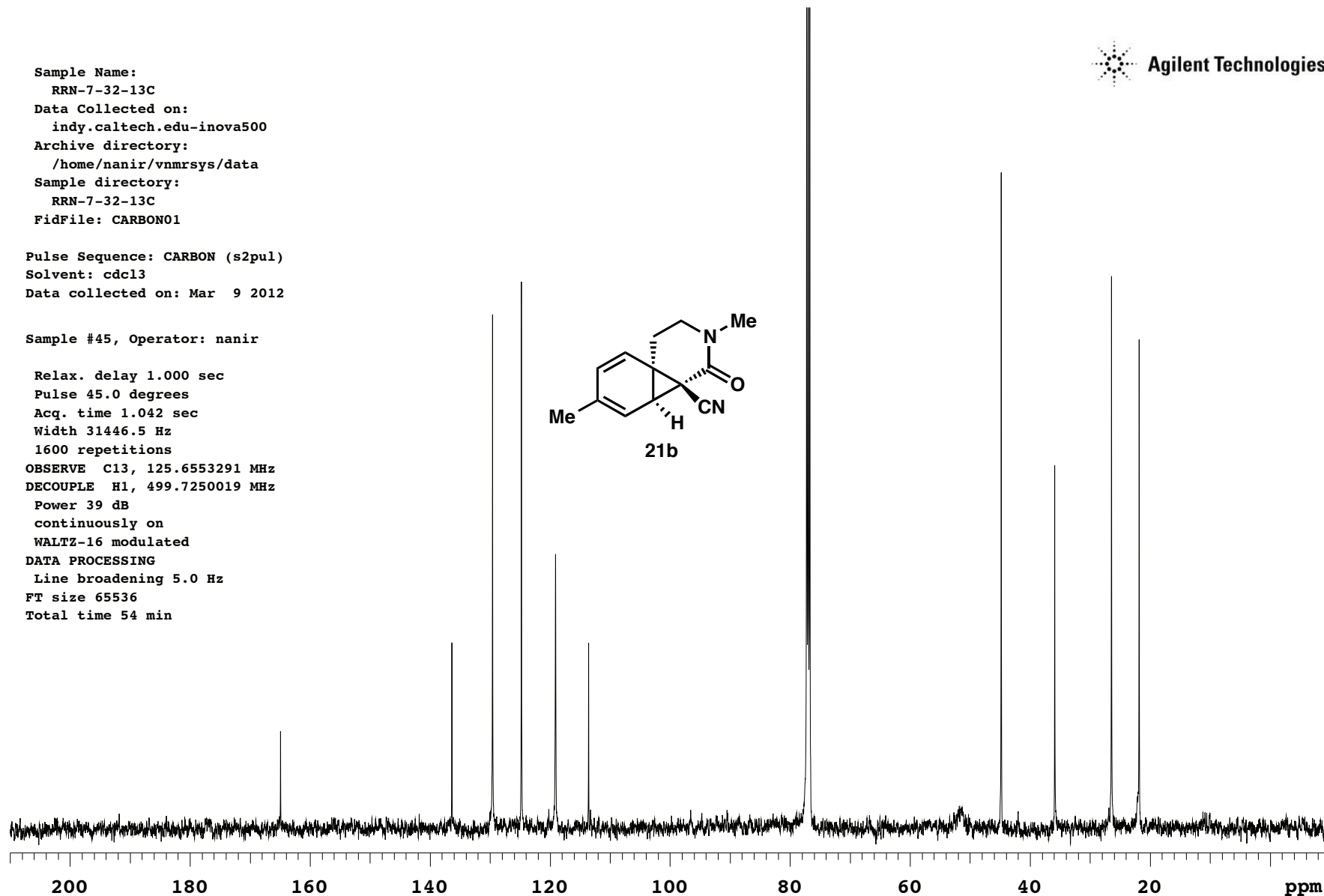
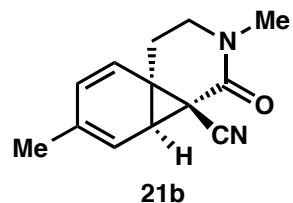
Plotname: --Not assigned--

Sample Name:
RRN-7-32-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-32-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 9 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6553291 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 54 min



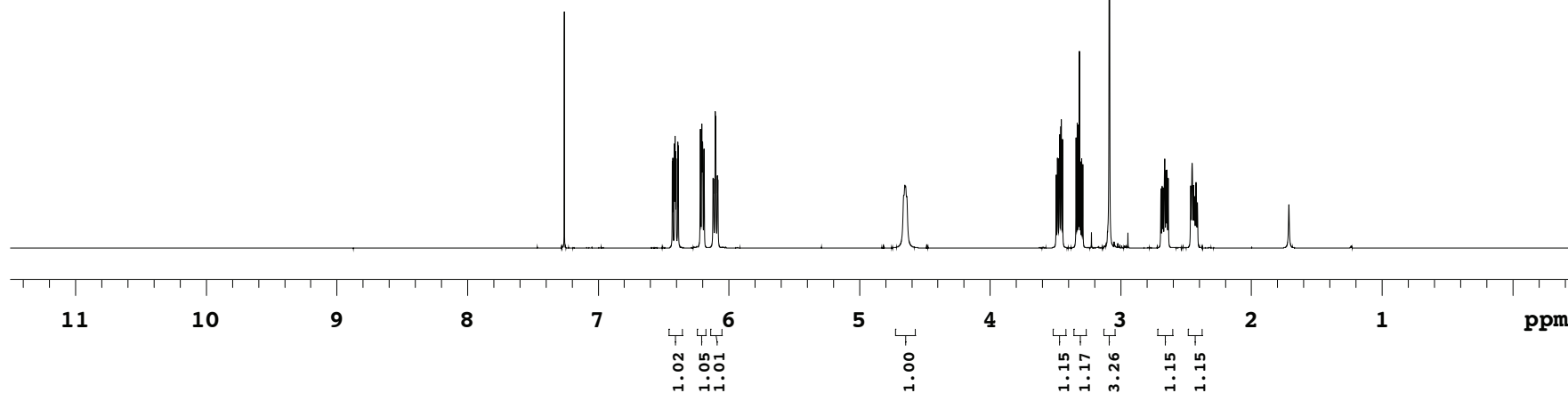
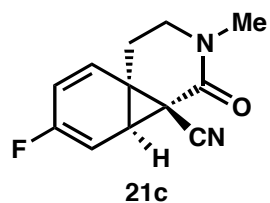
Plotname: --Not assigned--

Sample Name:
 RRN-7-75-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-7-75-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Mar 13 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 8 repetitions
 OBSERVE H1, 499.7225125 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 0 min 28 sec



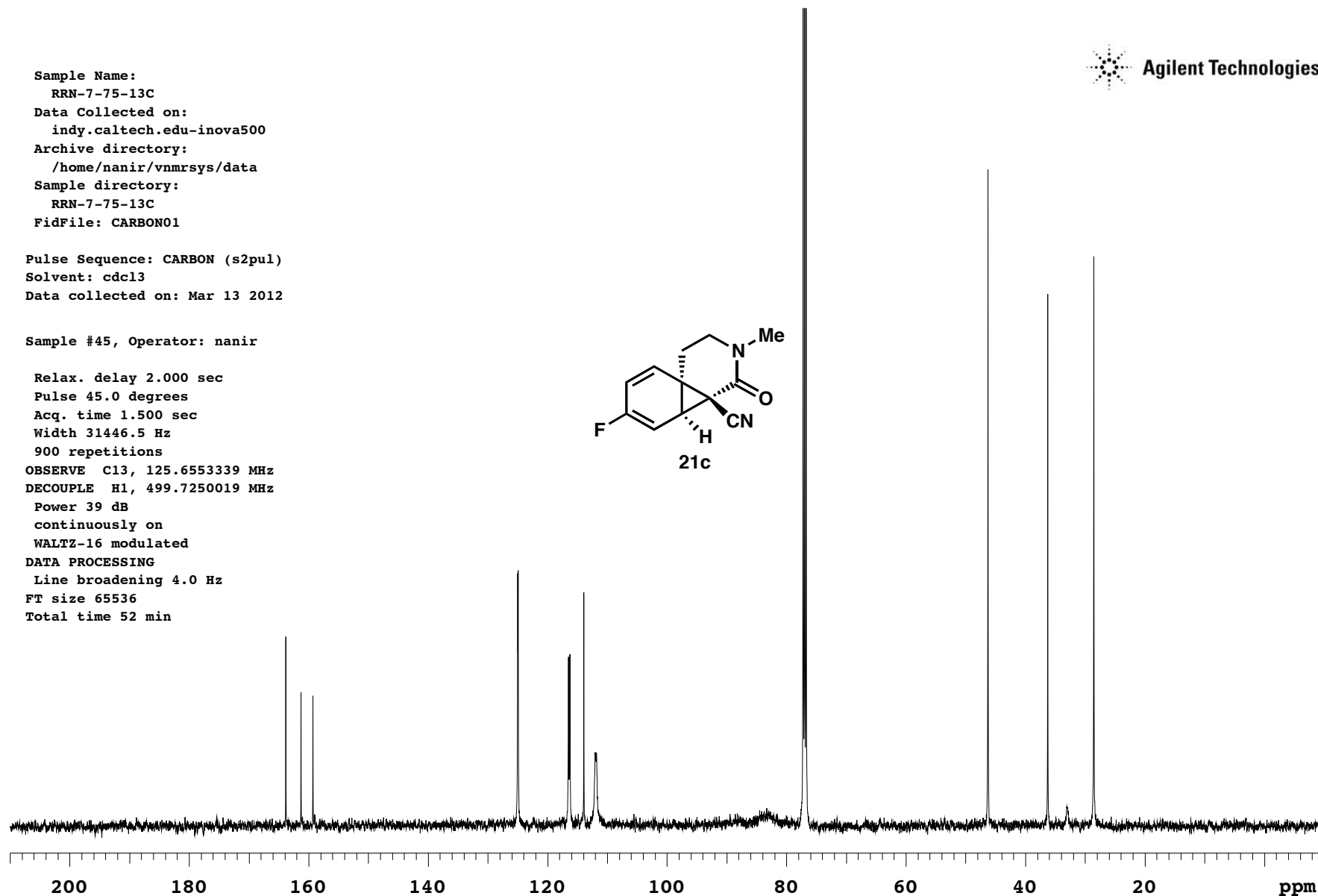
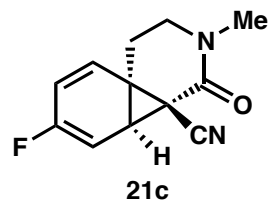
Plotname: --Not assigned--

Sample Name:
 RRN-7-75-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-7-75-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Mar 13 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
 Pulse 45.0 degrees
 Acq. time 1.500 sec
 Width 31446.5 Hz
 900 repetitions
 OBSERVE C13, 125.6553339 MHz
 DECOUPLE H1, 499.7250019 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 4.0 Hz
 FT size 65536
 Total time 52 min



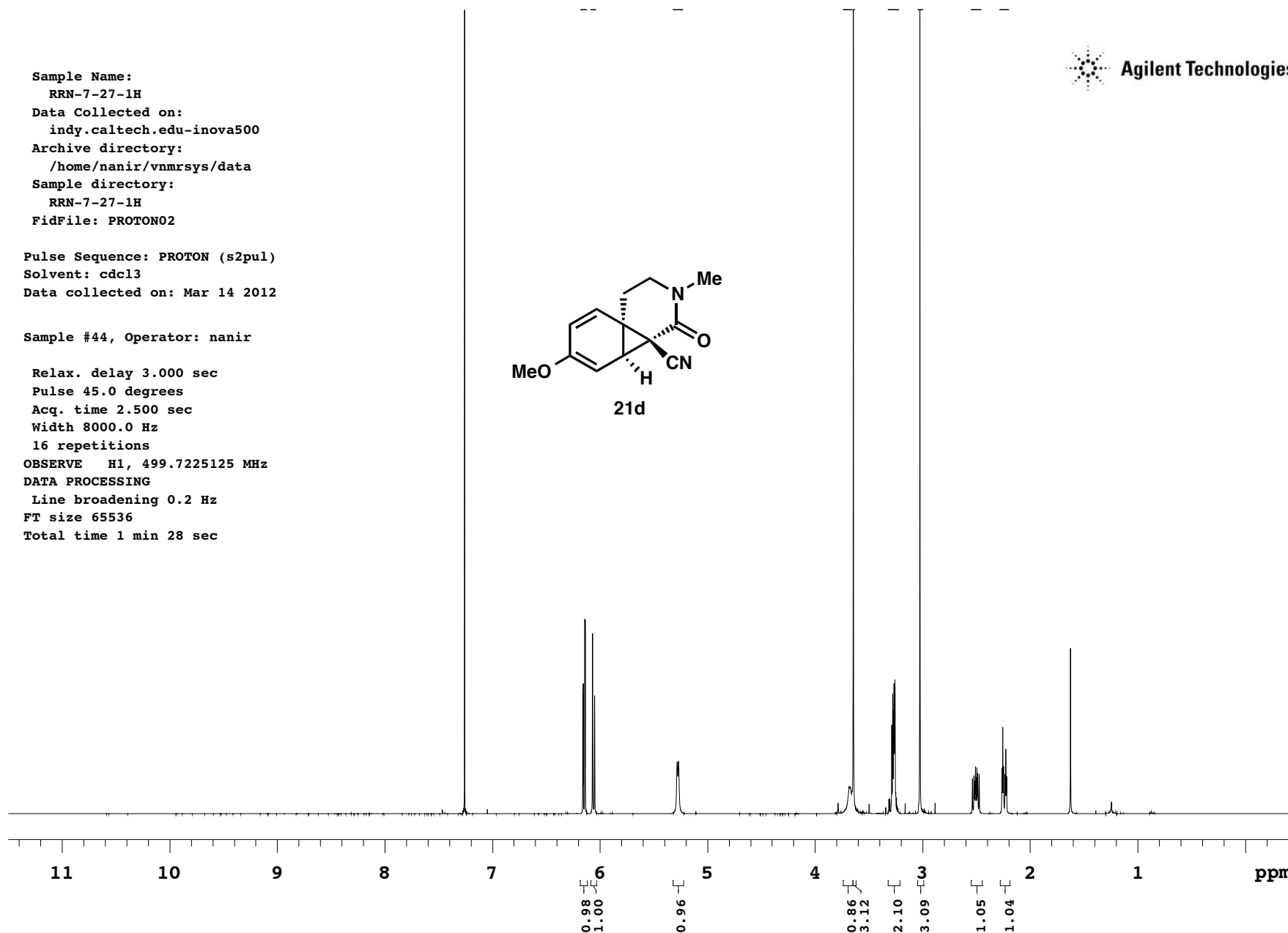
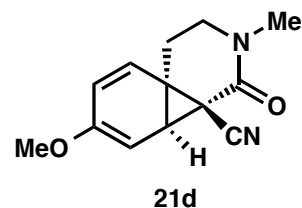
Plotname: --Not assigned--

Sample Name:
RRN-7-27-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-27-1H
FidFile: PROTON02

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 14 2012

Sample #44, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



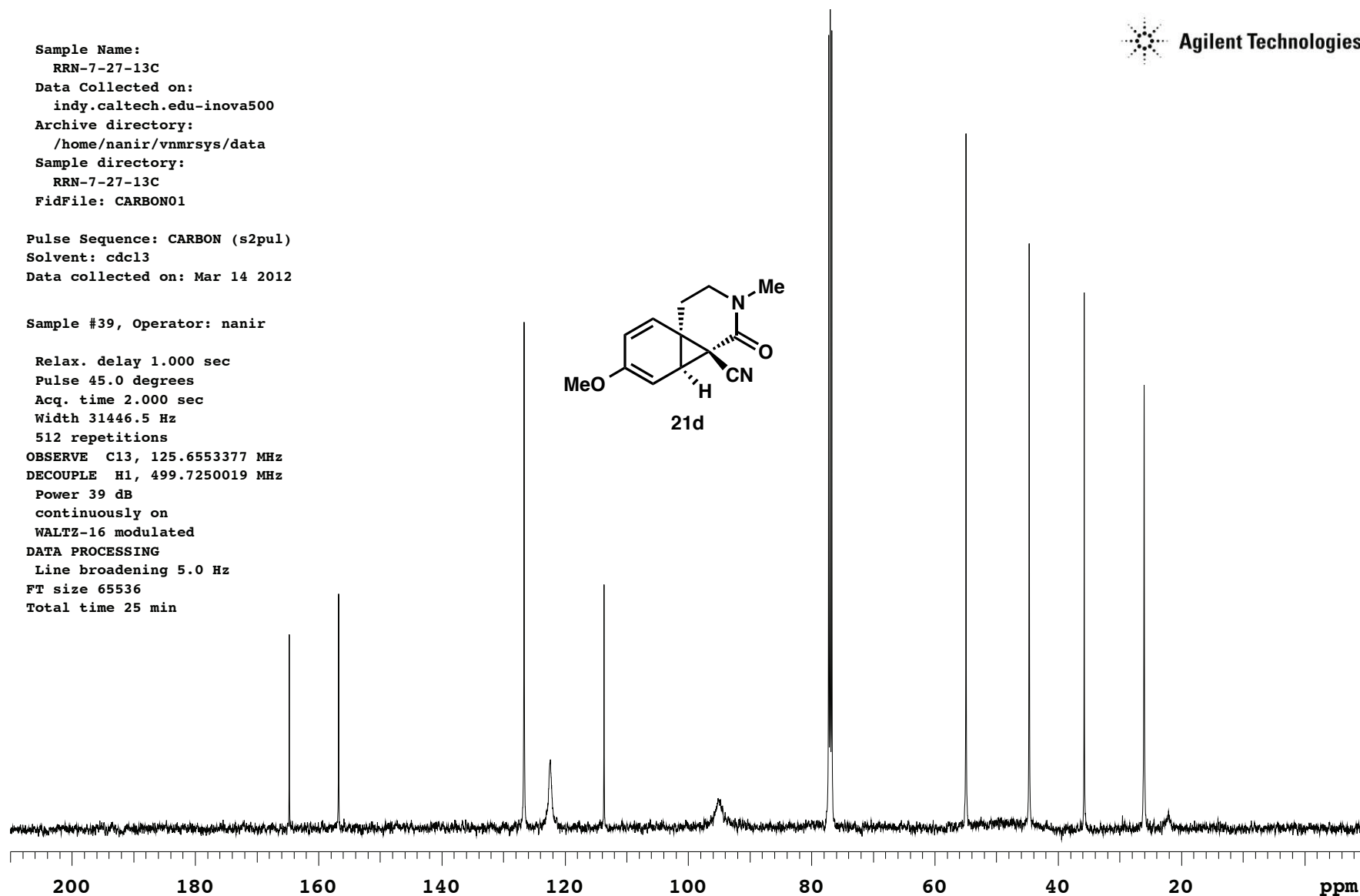
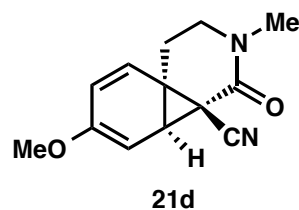
Plotname: --Not assigned--

Sample Name:
RRN-7-27-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-27-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 14 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6553377 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 25 min



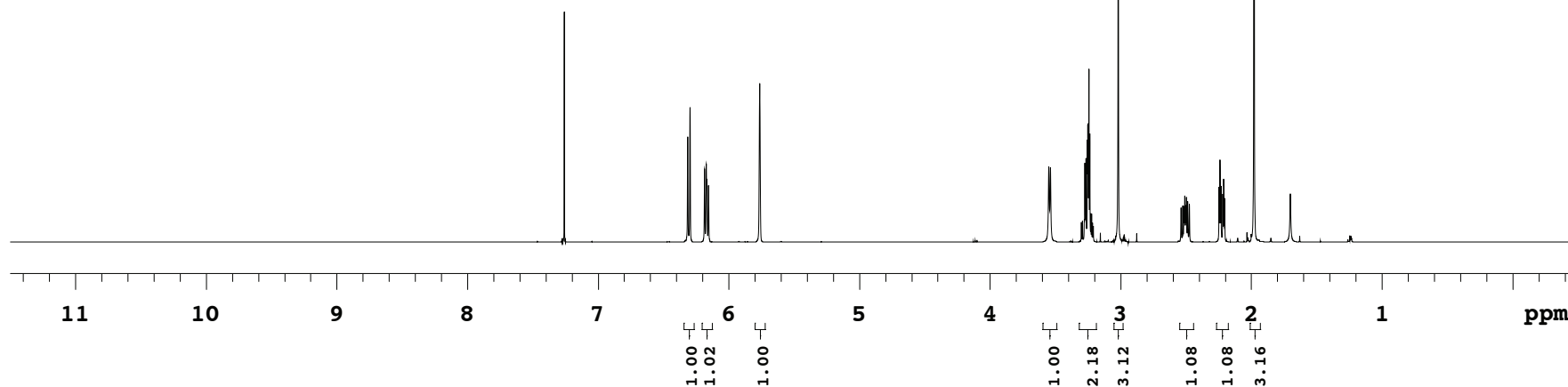
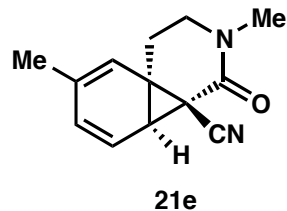
Plotname: --Not assigned--

Sample Name:
RRN-7-73-III-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-73-III-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 13 2012

Sample #38, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



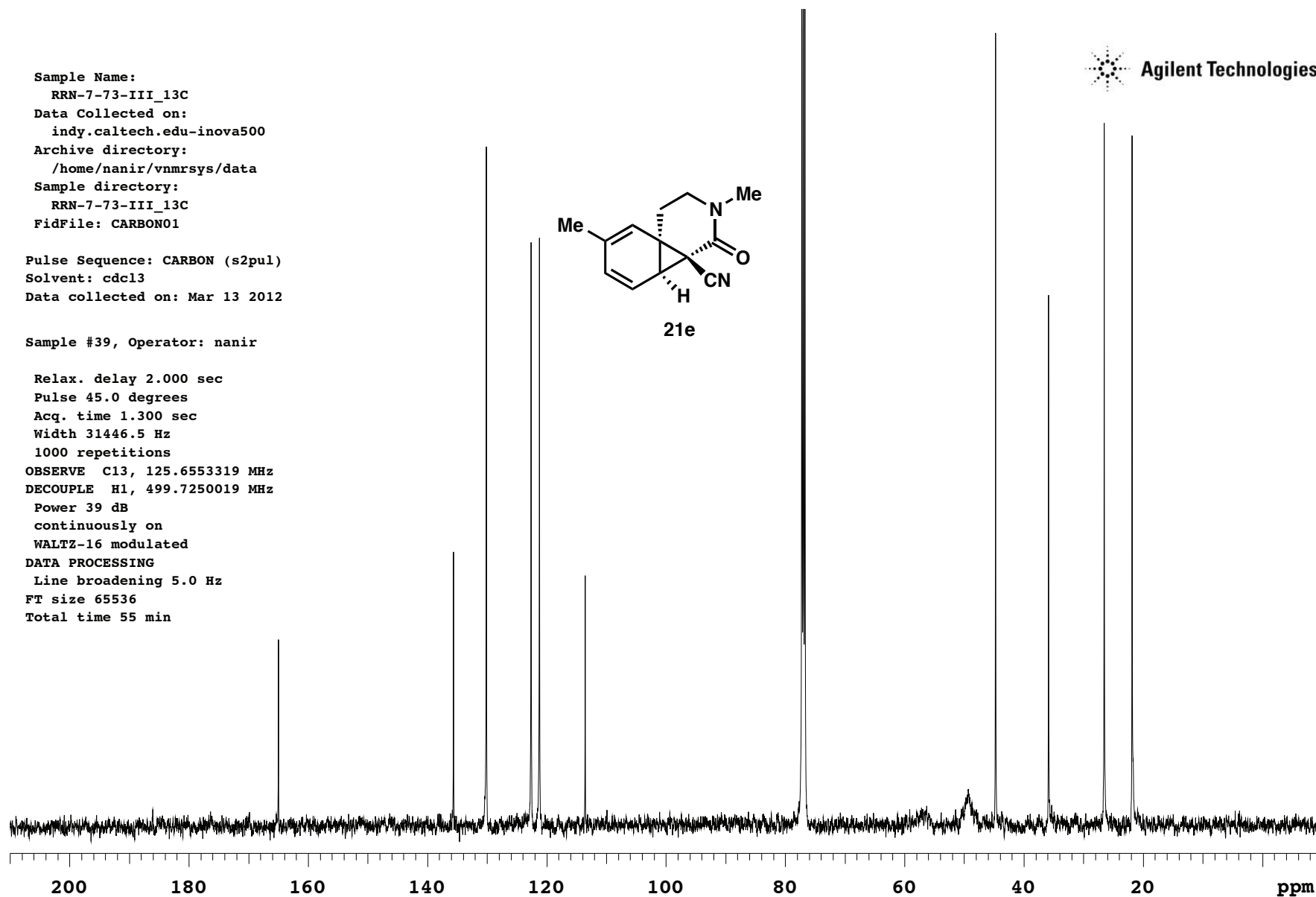
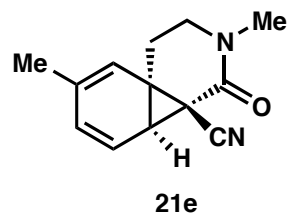
Plotname: --Not assigned--

Sample Name:
RRN-7-73-III_13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-73-III_13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Mar 13 2012

Sample #39, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 1.300 sec
Width 31446.5 Hz
1000 repetitions
OBSERVE C13, 125.6553319 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 5.0 Hz
FT size 65536
Total time 55 min



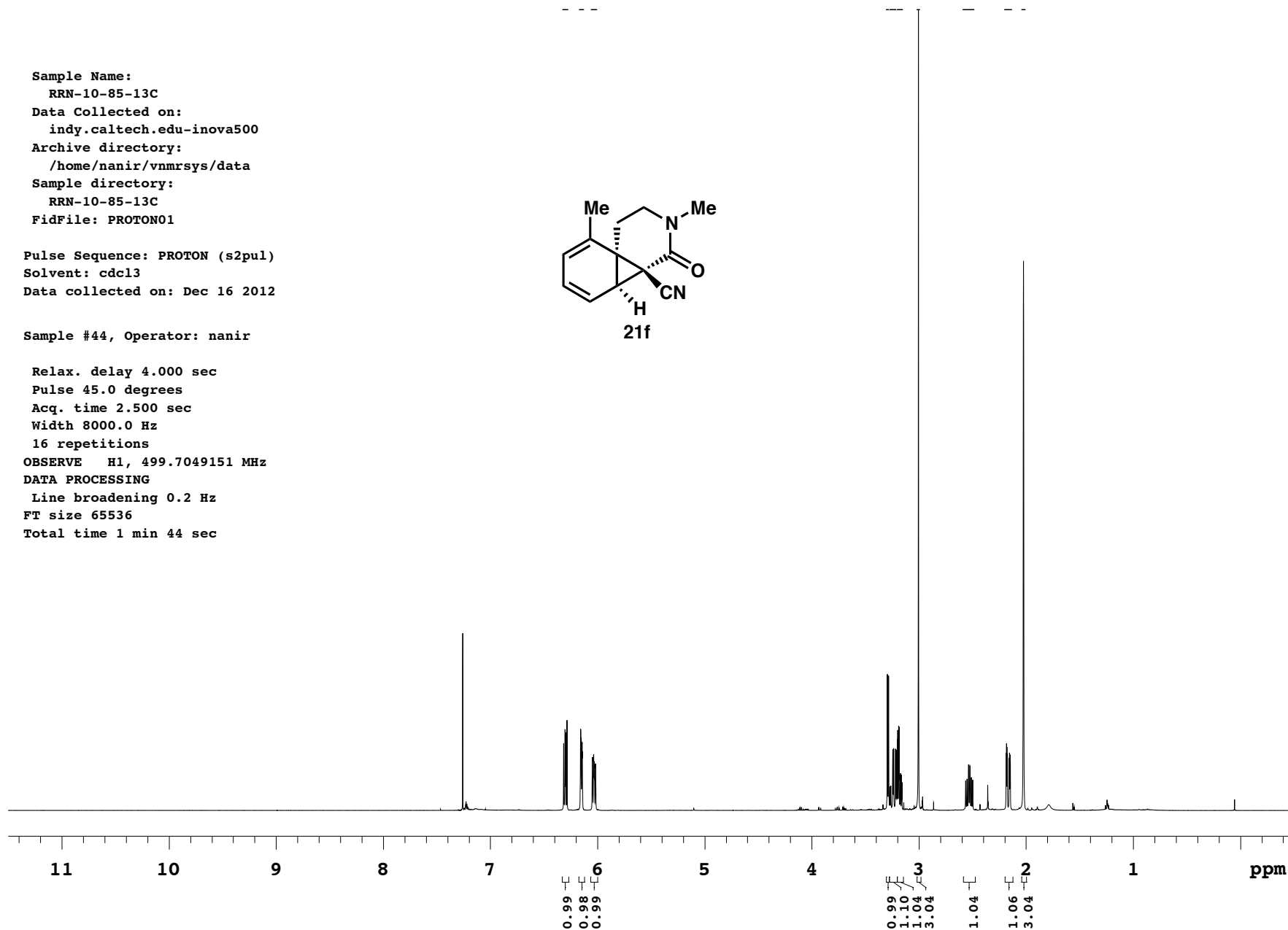
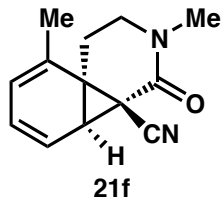
Plotname: --Not assigned--

Sample Name:
 RRN-10-85-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-10-85-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Dec 16 2012

Sample #44, Operator: nanir

Relax. delay 4.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 16 repetitions
 OBSERVE H1, 499.7049151 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 1 min 44 sec

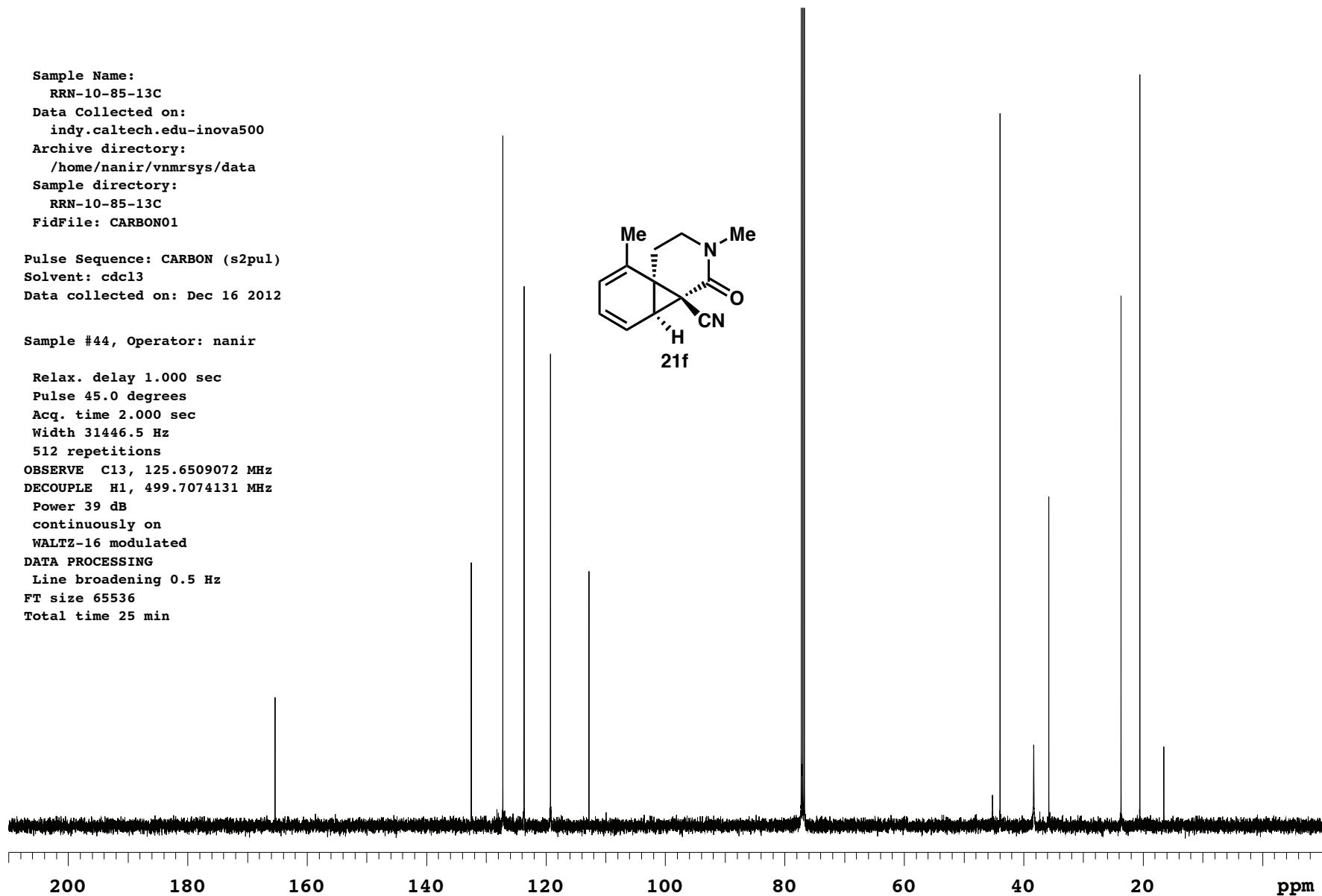
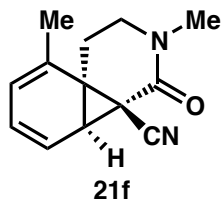


Sample Name:
RRN-10-85-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-85-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 16 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6509072 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 25 min

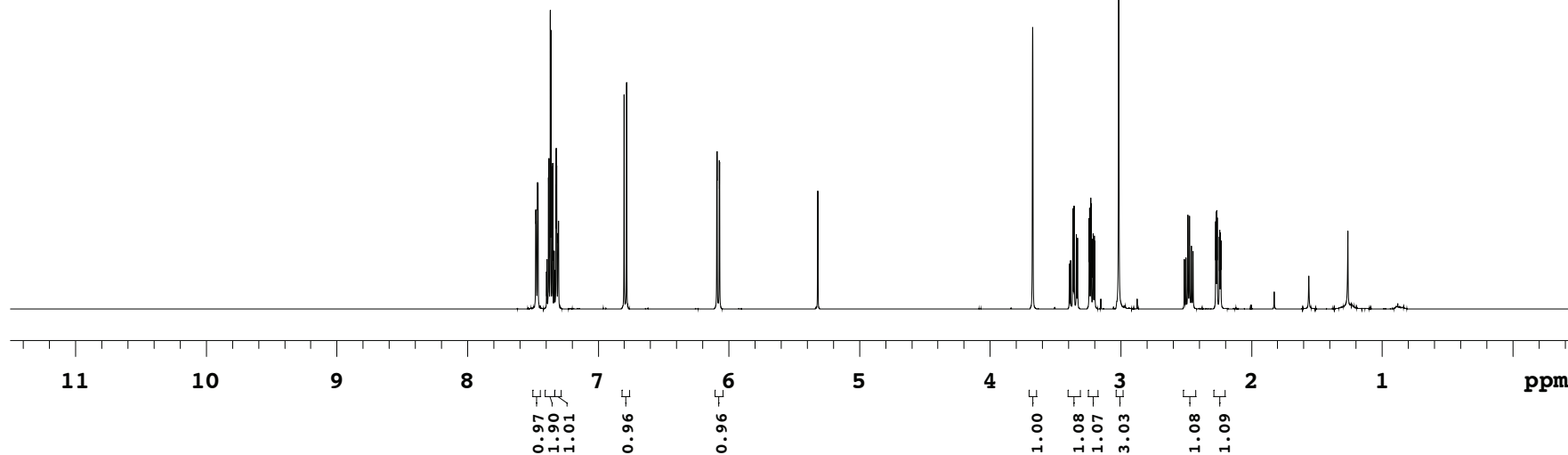
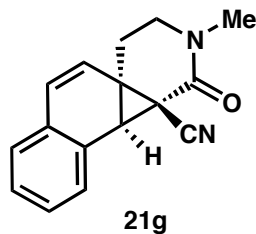


Sample Name:
RRRN-7-67-rex_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRRN-7-67-rex_II
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cd2cl2
Data collected on: Mar 8 2012

Sample #45, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7234788 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 24 sec



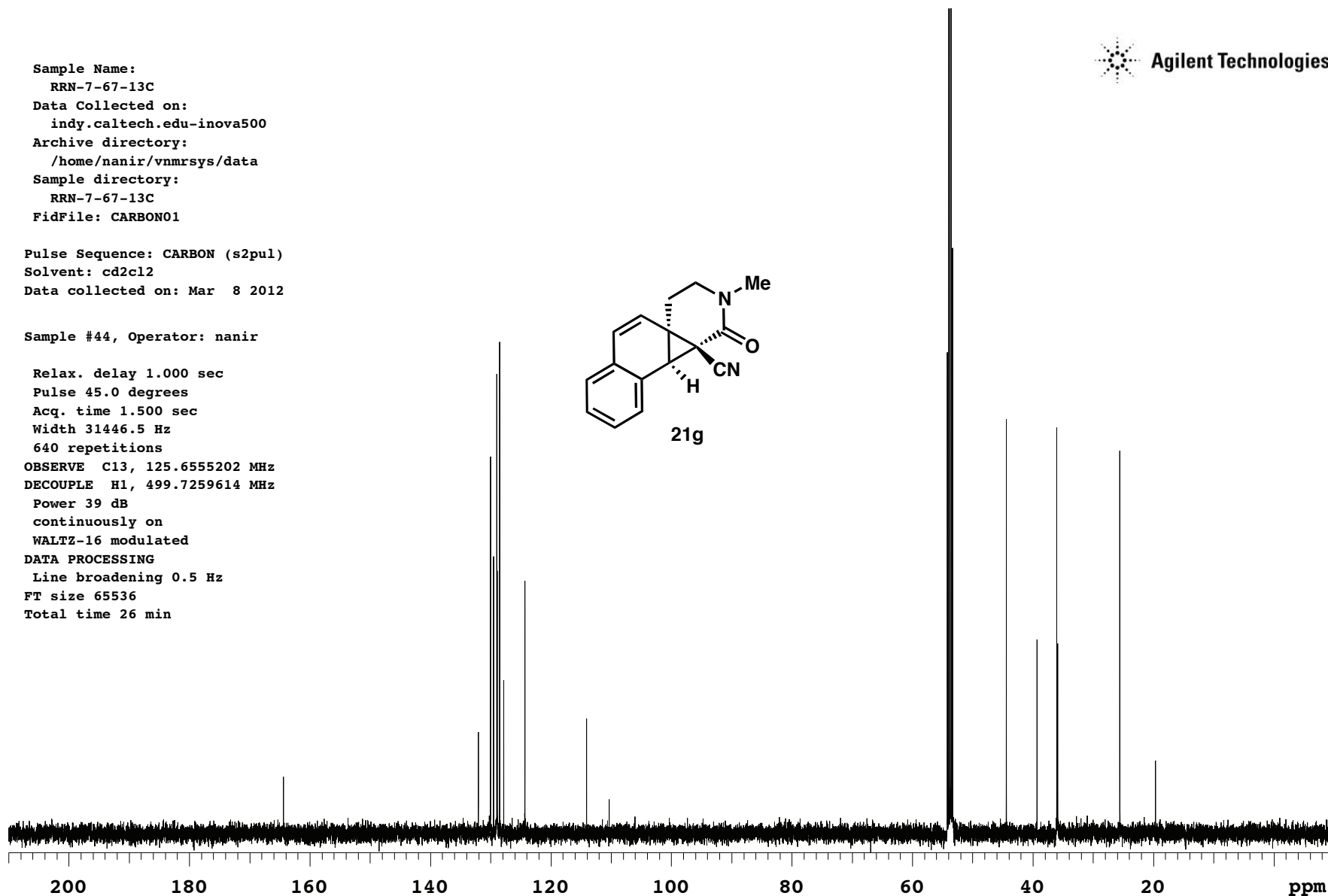
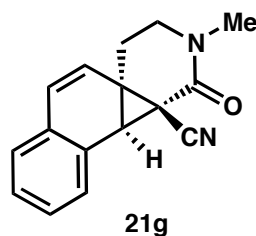
Plotname: --Not assigned--

Sample Name:
RRN-7-67-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-67-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cd2cl2
Data collected on: Mar 8 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
640 repetitions
OBSERVE C13, 125.6555202 MHz
DECOUPLE H1, 499.7259614 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 26 min



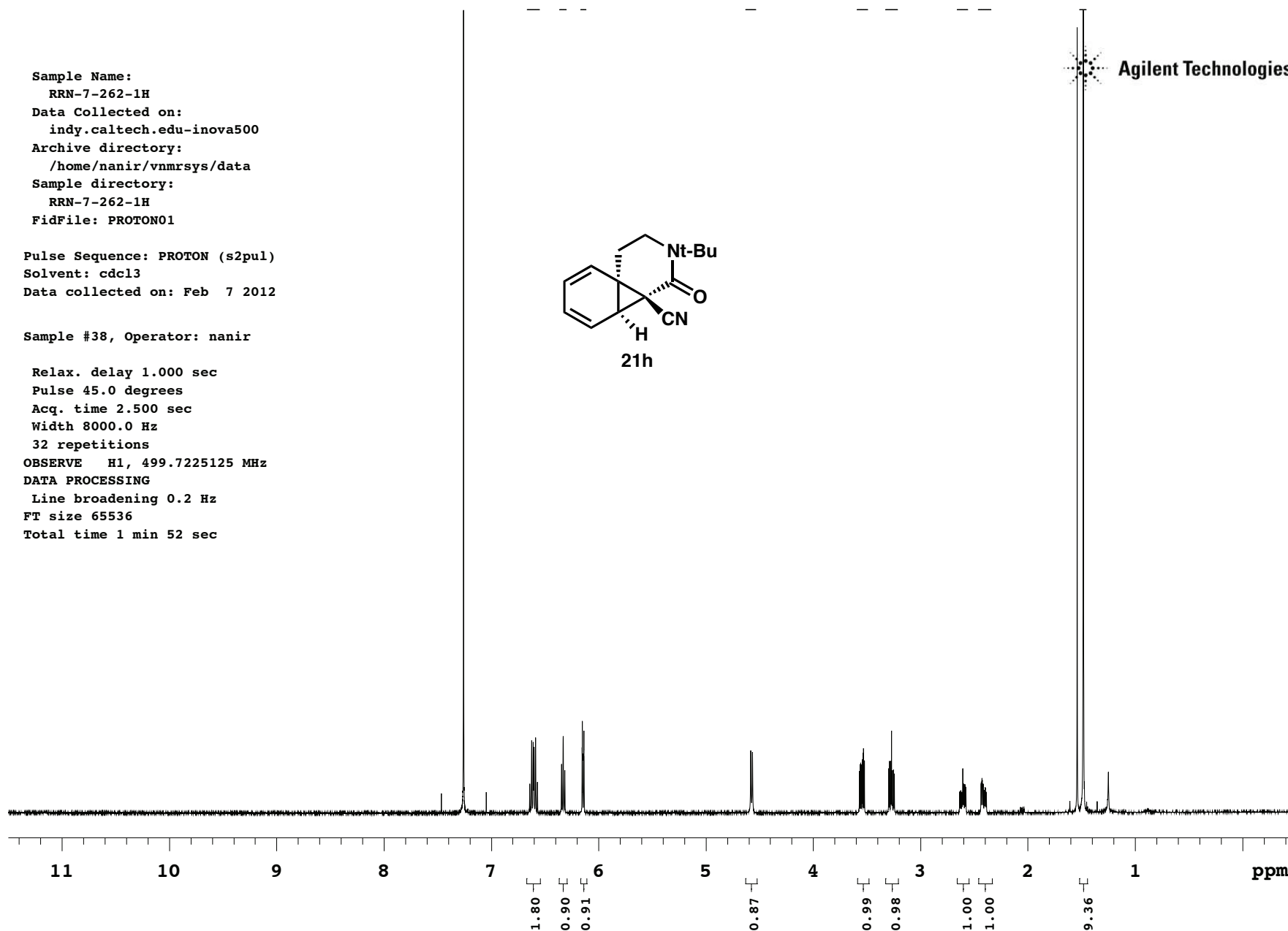
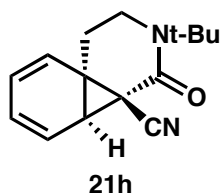
Plotname: --Not assigned--

Sample Name:
RRN-7-262-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-262-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Feb 7 2012

Sample #38, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 52 sec



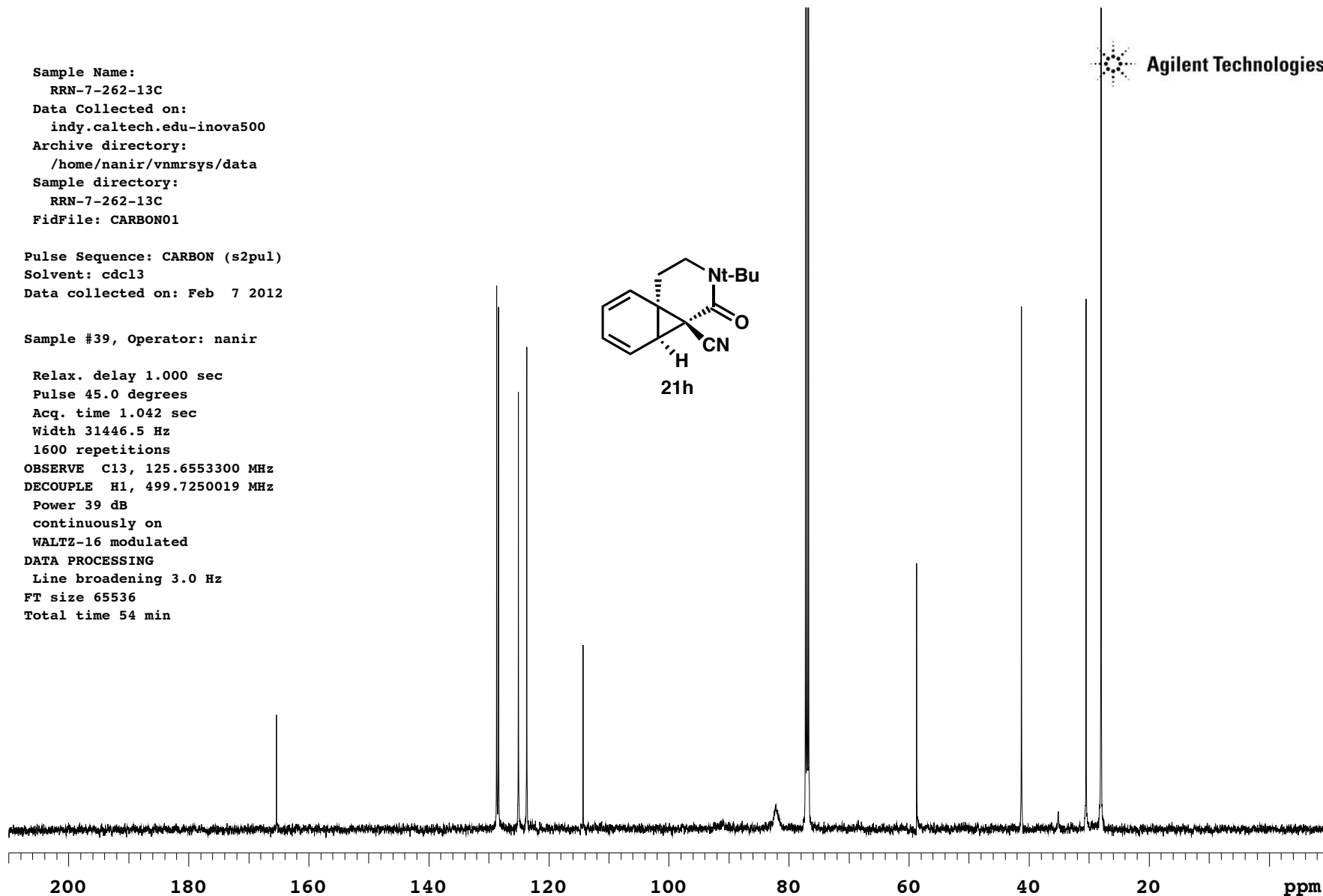
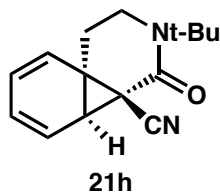
Plotname: --Not assigned--

Sample Name:
RRN-7-262-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-262-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Feb 7 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.042 sec
Width 31446.5 Hz
1600 repetitions
OBSERVE C13, 125.6553300 MHz
DECOUPLE H1, 499.7250019 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 3.0 Hz
FT size 65536
Total time 54 min



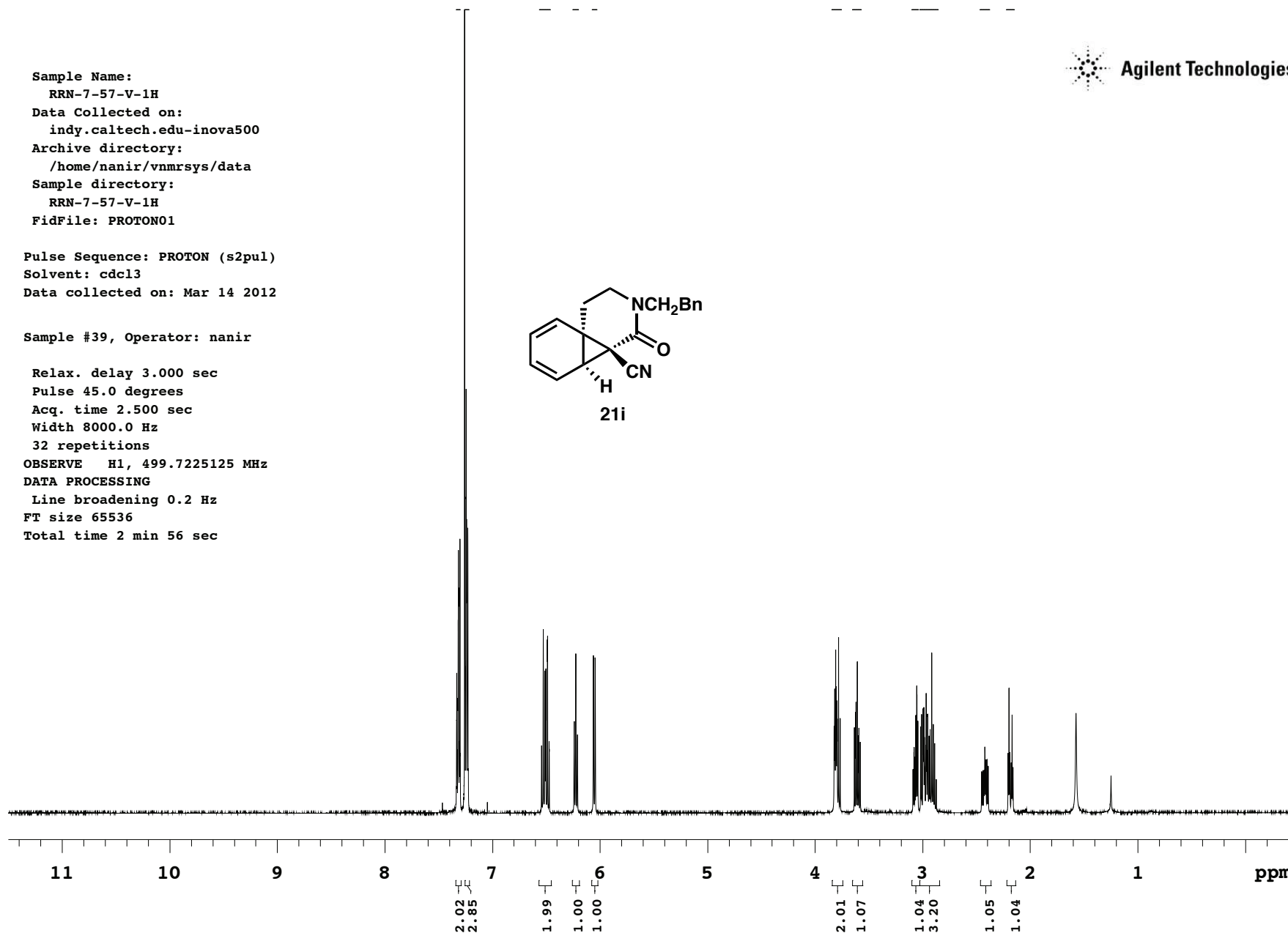
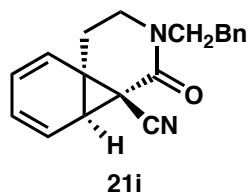
Plotname: --Not assigned--

Sample Name:
RRN-7-57-V-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-57-V-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Mar 14 2012

Sample #39, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7225125 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec



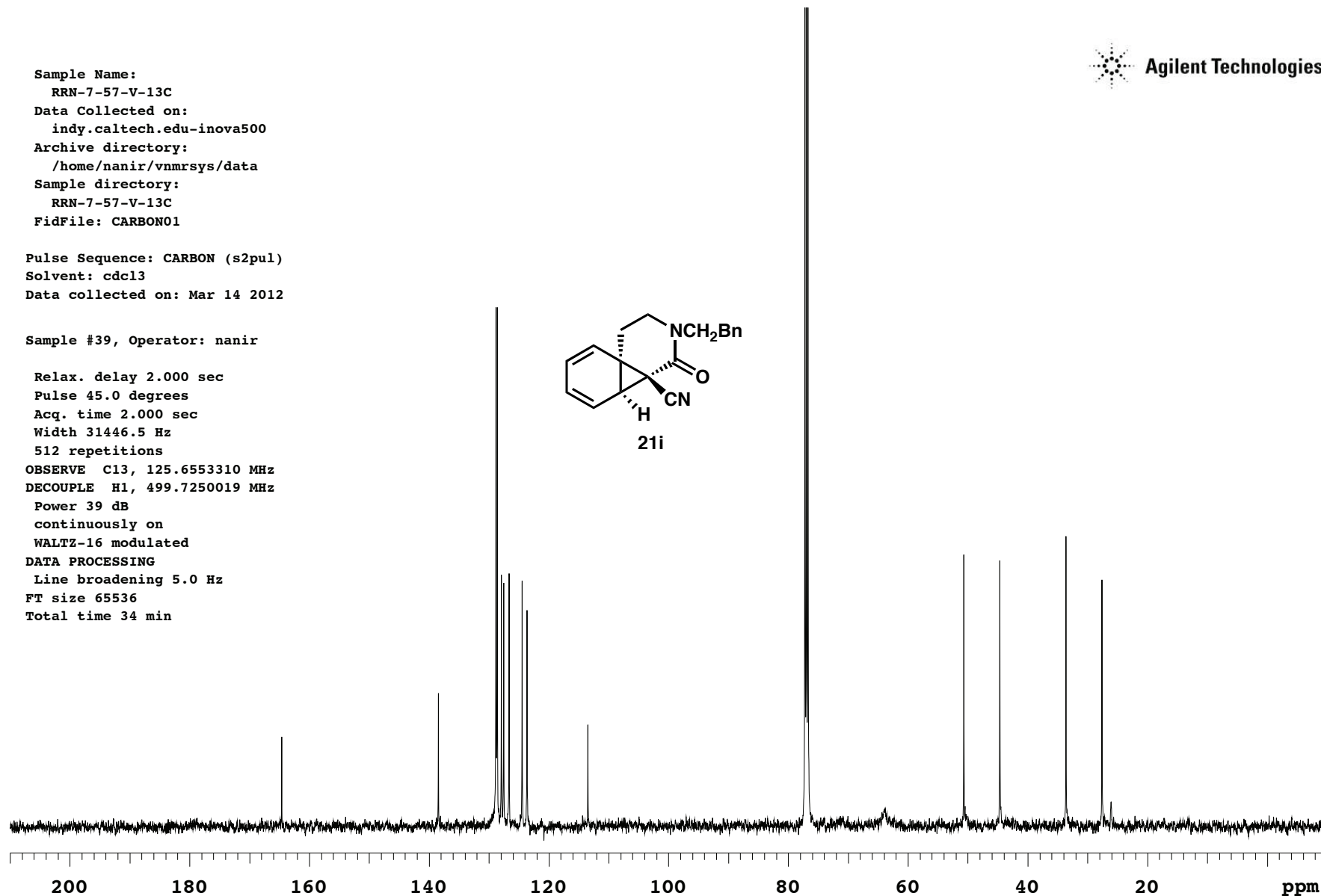
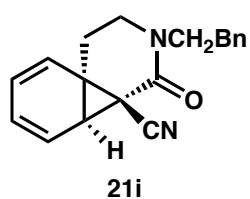
Plotname: --Not assigned--

Sample Name:
 RRN-7-57-V-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-7-57-V-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Mar 14 2012

Sample #39, Operator: nanir

Relax. delay 2.000 sec
 Pulse 45.0 degrees
 Acq. time 2.000 sec
 Width 31446.5 Hz
 512 repetitions
 OBSERVE C13, 125.6553310 MHz
 DECOUPLE H1, 499.7250019 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 5.0 Hz
 FT size 65536
 Total time 34 min



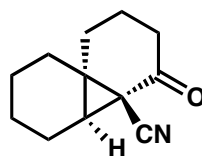
Plotname: --Not assigned--

Sample Name:
RRN-7-107-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-107-1H
FidFile: PROTON01

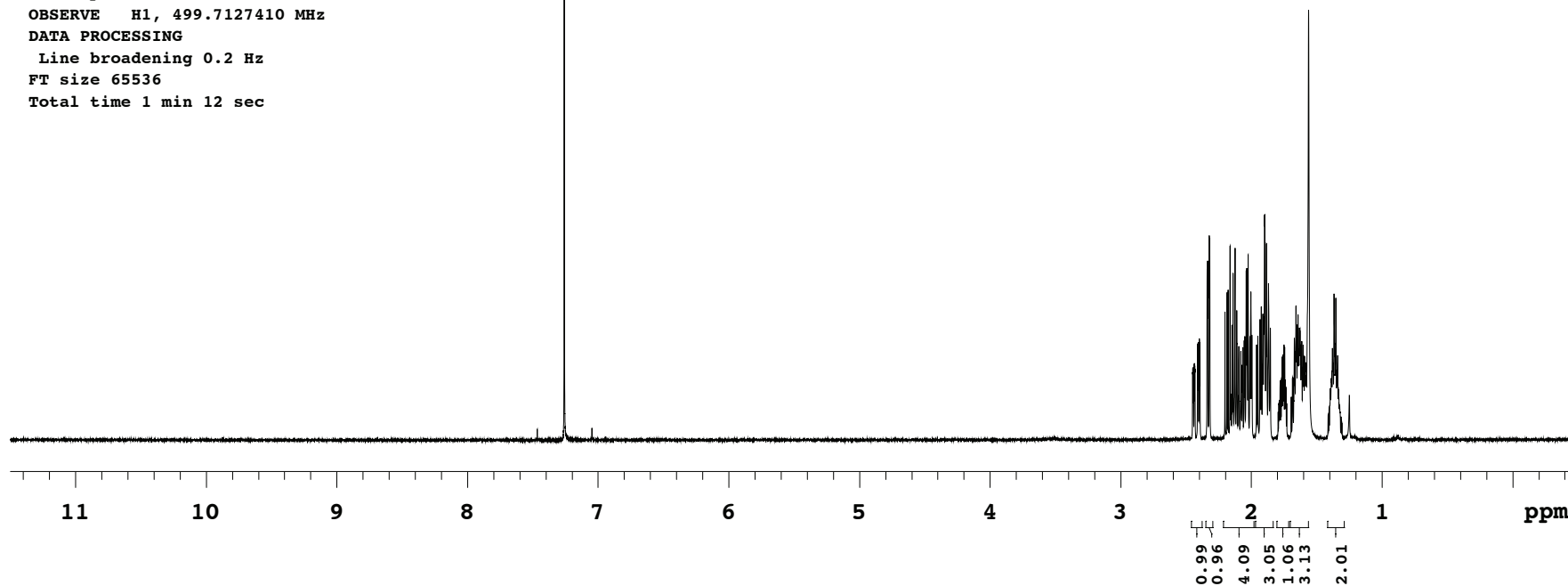
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jun 6 2012

Sample #44, Operator: nanir

Relax. delay 2.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 12 sec



24a

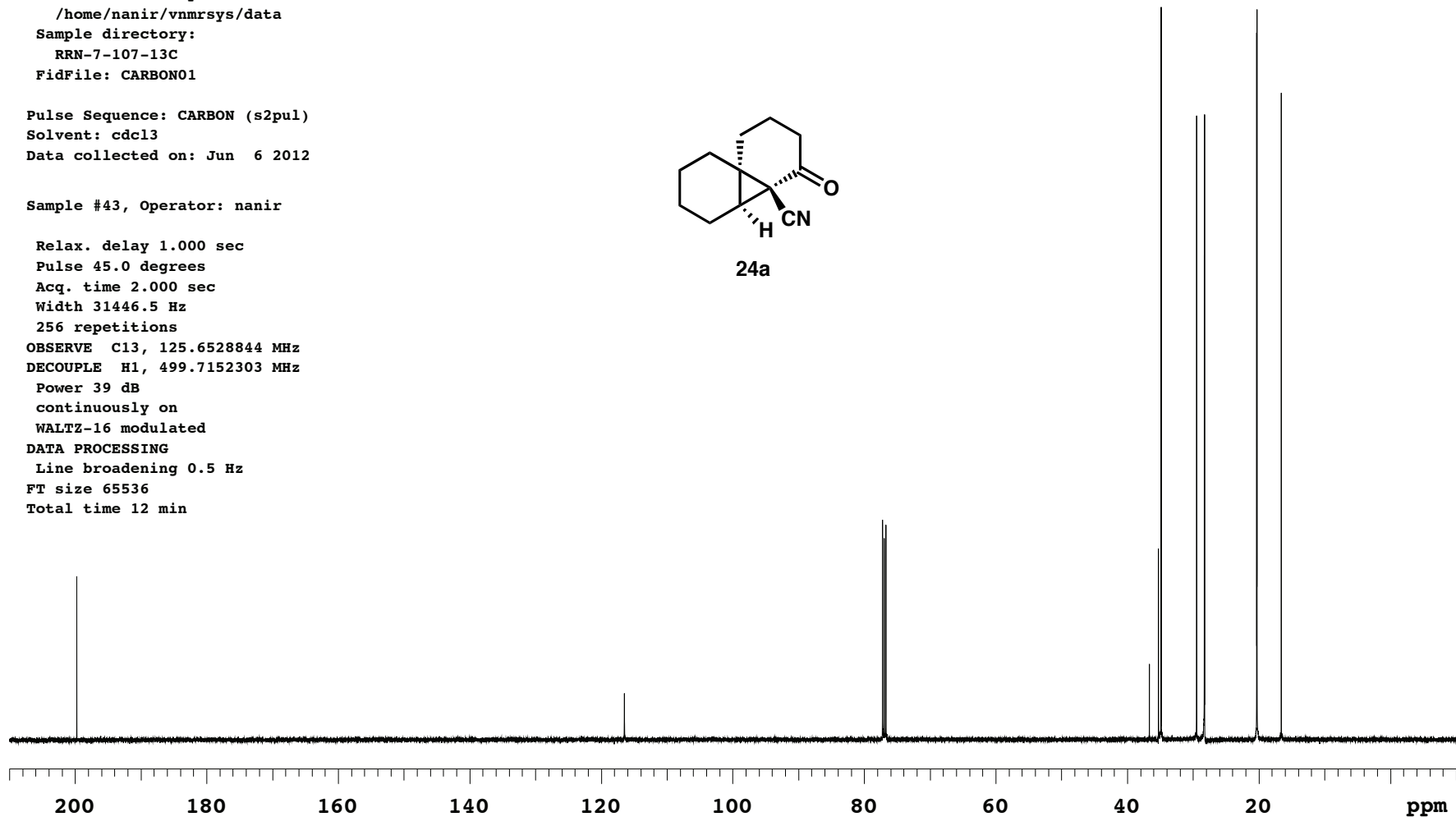
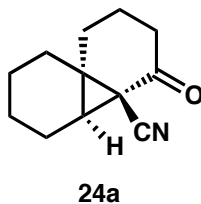


Sample Name:
RRN-7-107-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-7-107-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 6 2012

Sample #43, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
256 repetitions
OBSERVE C13, 125.6528844 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 12 min

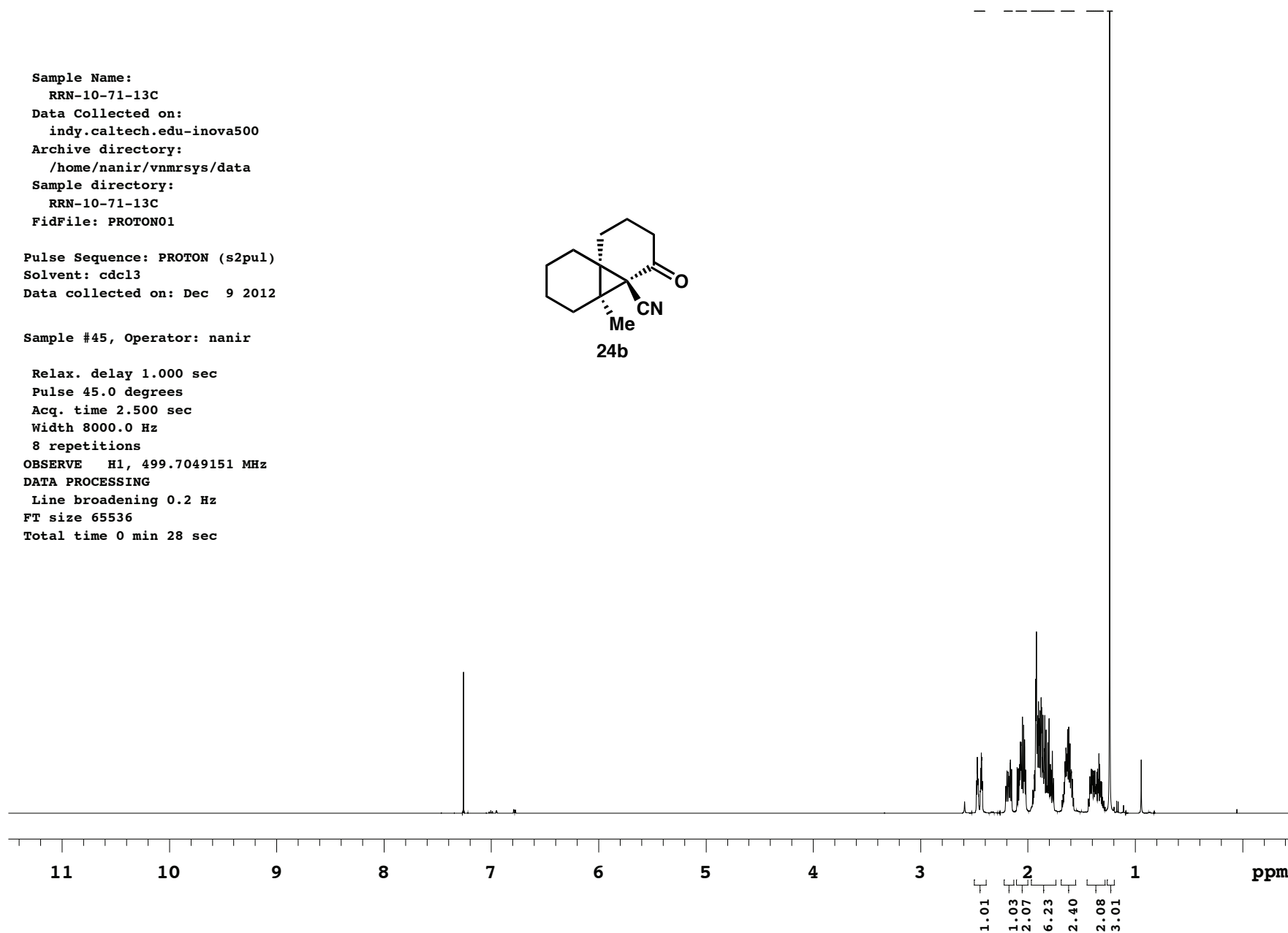
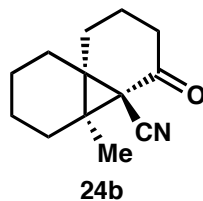


Sample Name:
 RRN-10-71-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-10-71-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Dec 9 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 8 repetitions
 OBSERVE H1, 499.7049151 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 0 min 28 sec

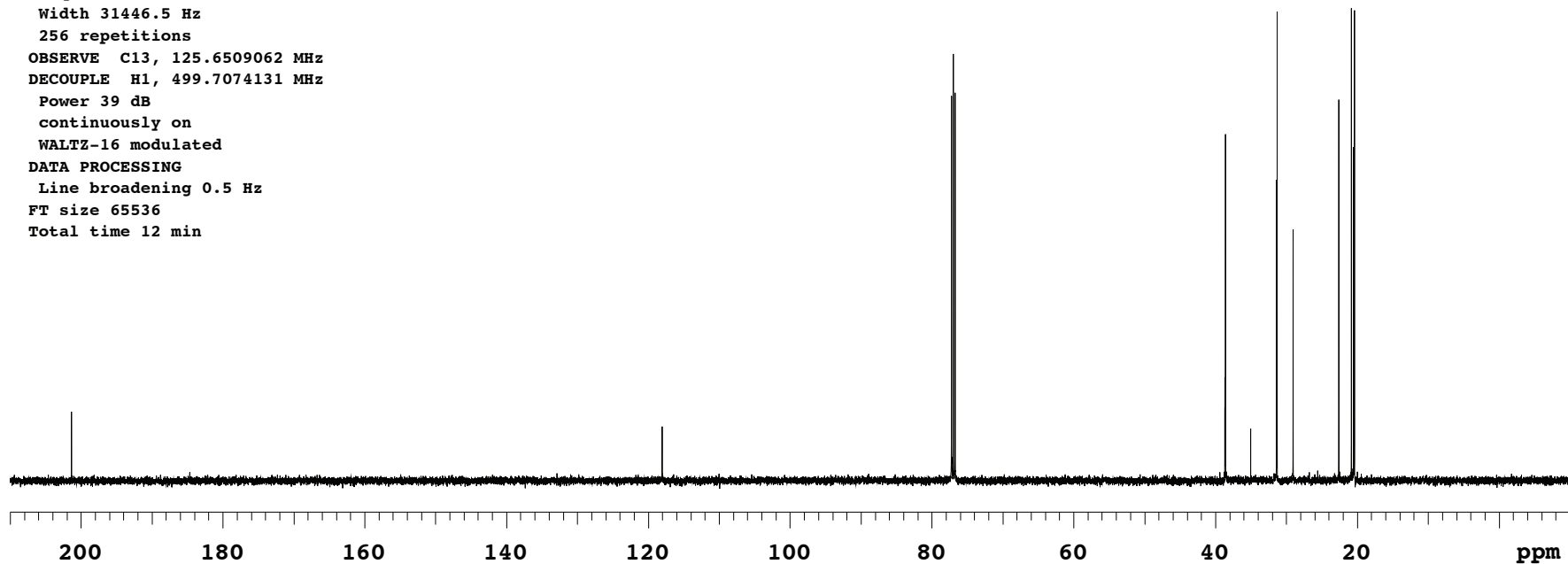
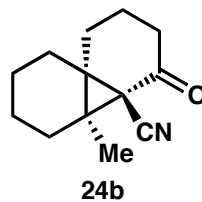


Sample Name:
RRN-10-71-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-71-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 9 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
256 repetitions
OBSERVE C13, 125.6509062 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 12 min

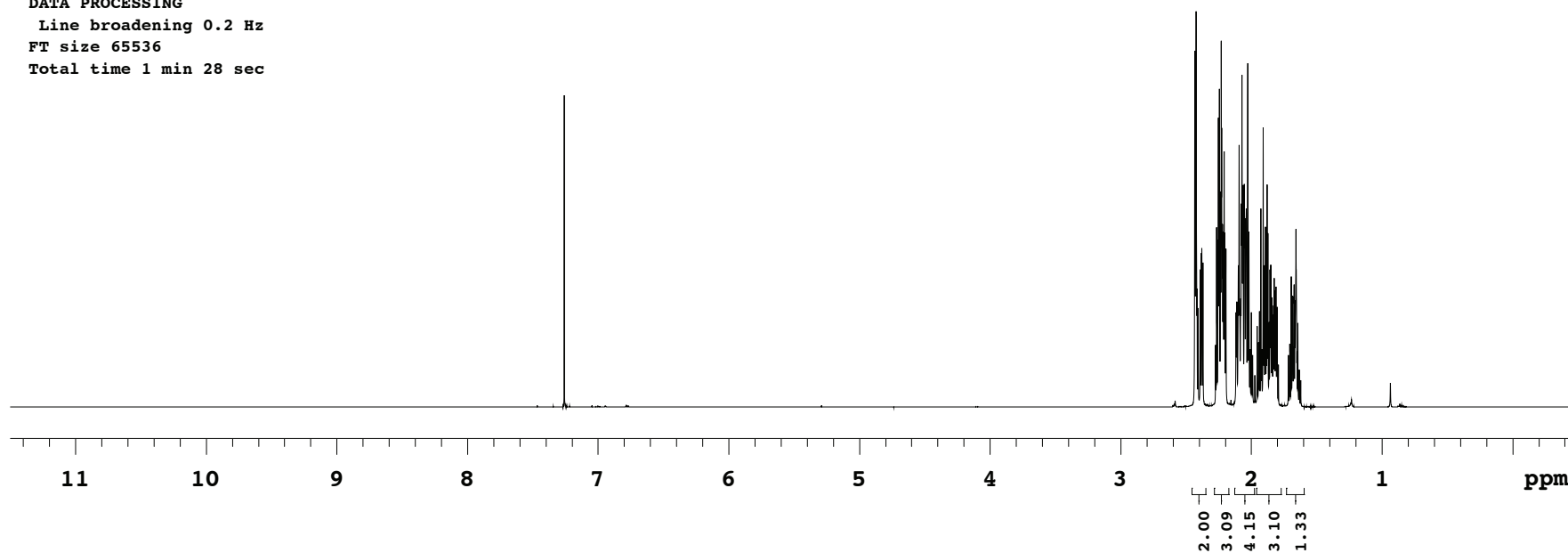
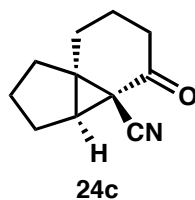


Sample Name:
RRN-10-59-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-59-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Dec 3 2012

Sample #48, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec

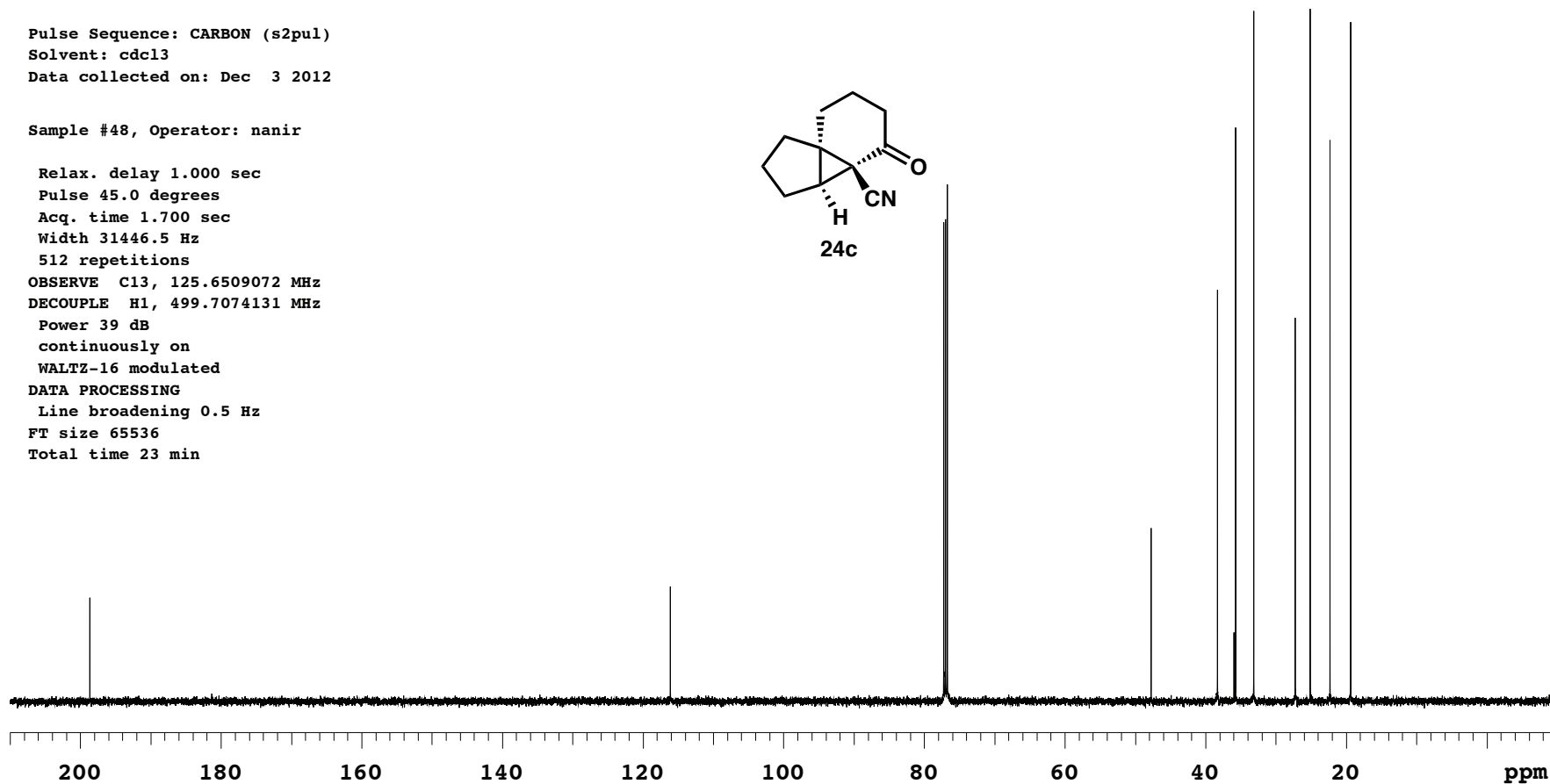
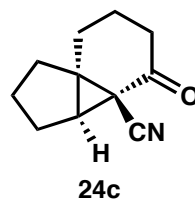


Sample Name:
RRN-10-59-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-59-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 3 2012

Sample #48, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.700 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6509072 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 23 min

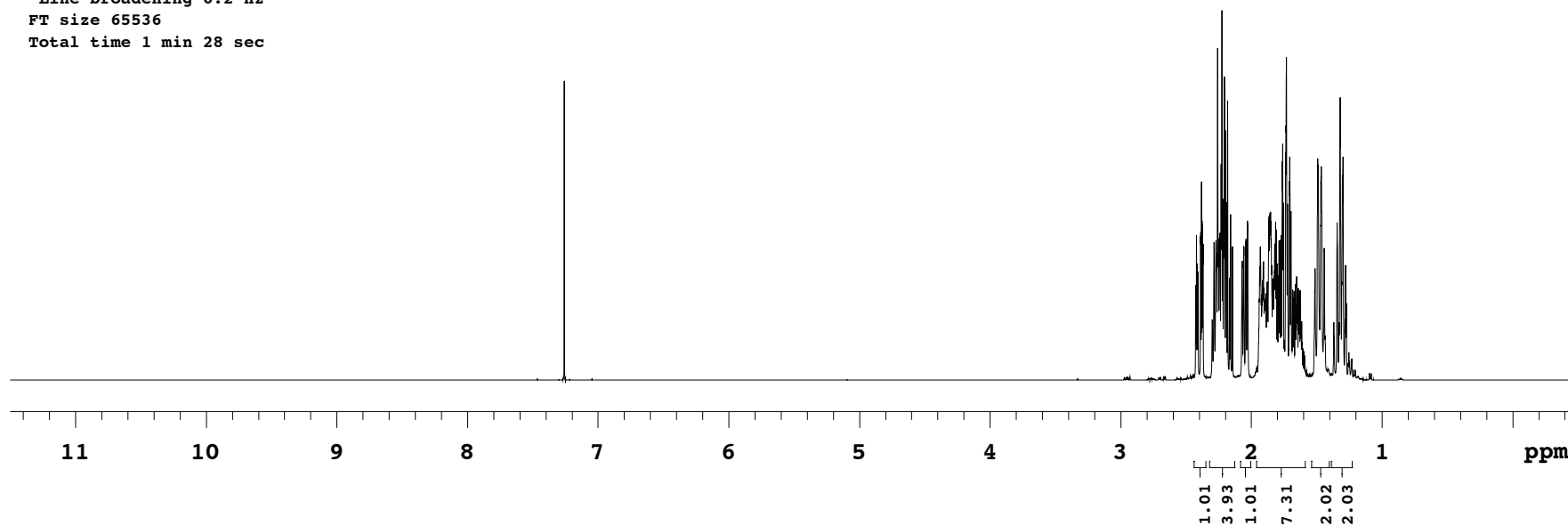
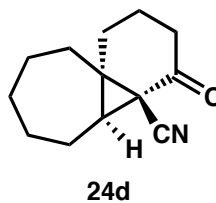


Sample Name:
RRN-10-61-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-61-13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Dec 4 2012

Sample #39, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec

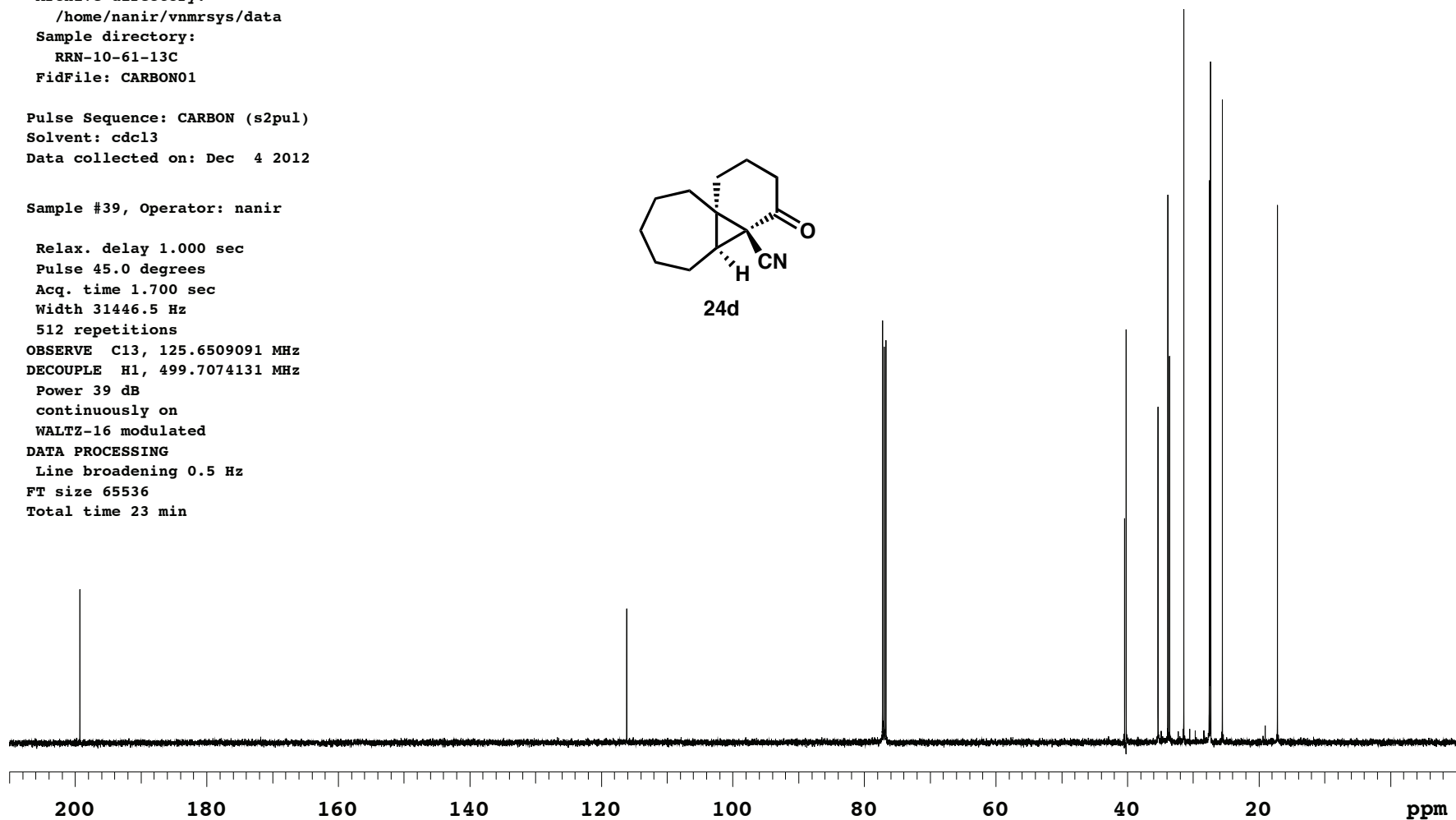
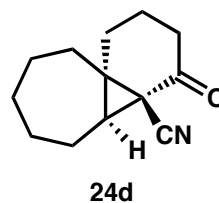


Sample Name:
RRN-10-61-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-61-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 4 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.700 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6509091 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 23 min

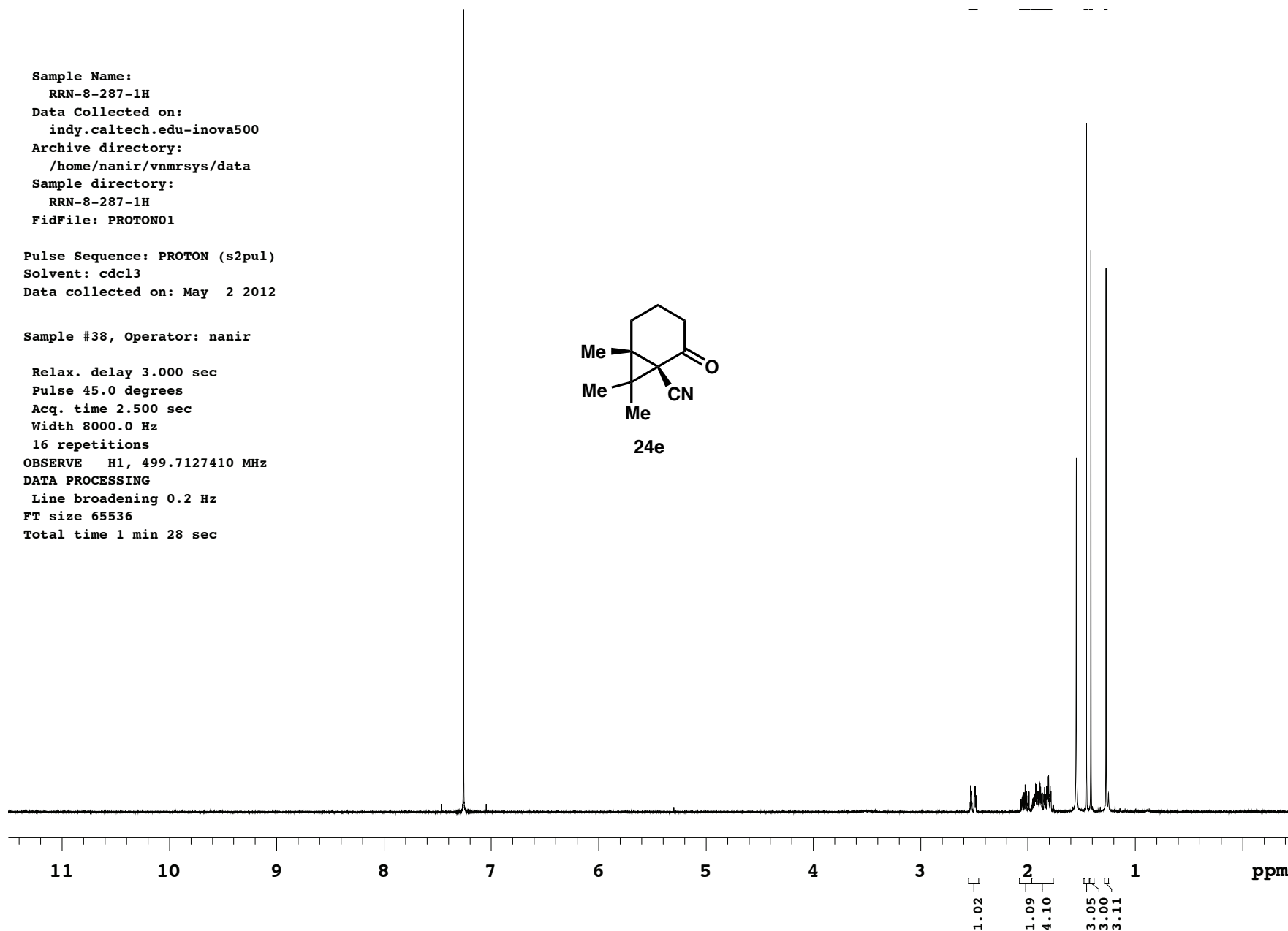
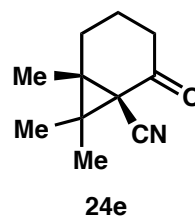


Sample Name:
RRN-8-287-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-287-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: May 2 2012

Sample #38, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec

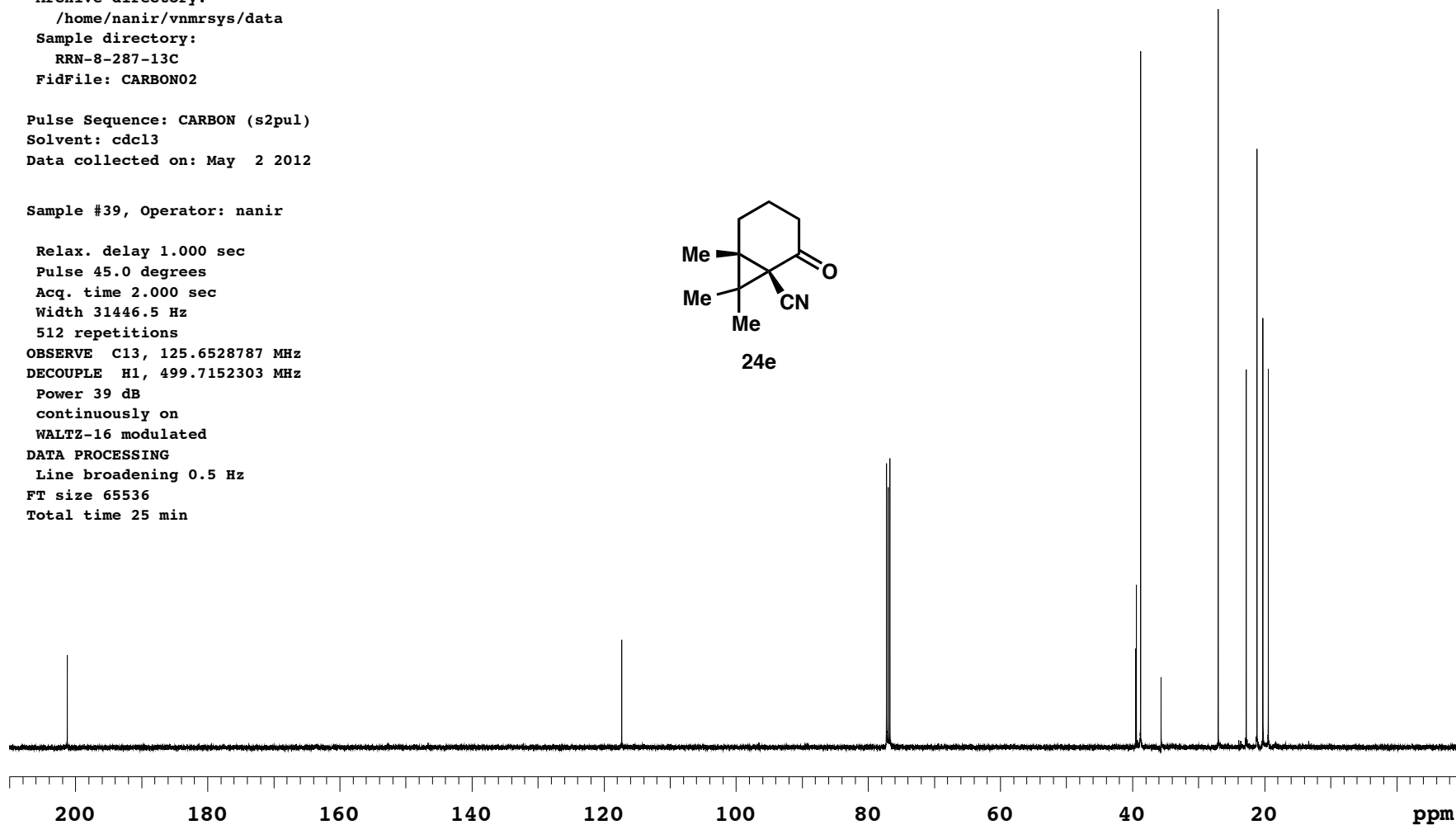
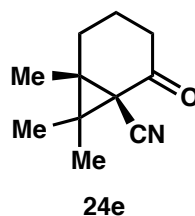


Sample Name:
RRN-8-287-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-287-13C
FidFile: CARBON02

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: May 2 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528787 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 25 min

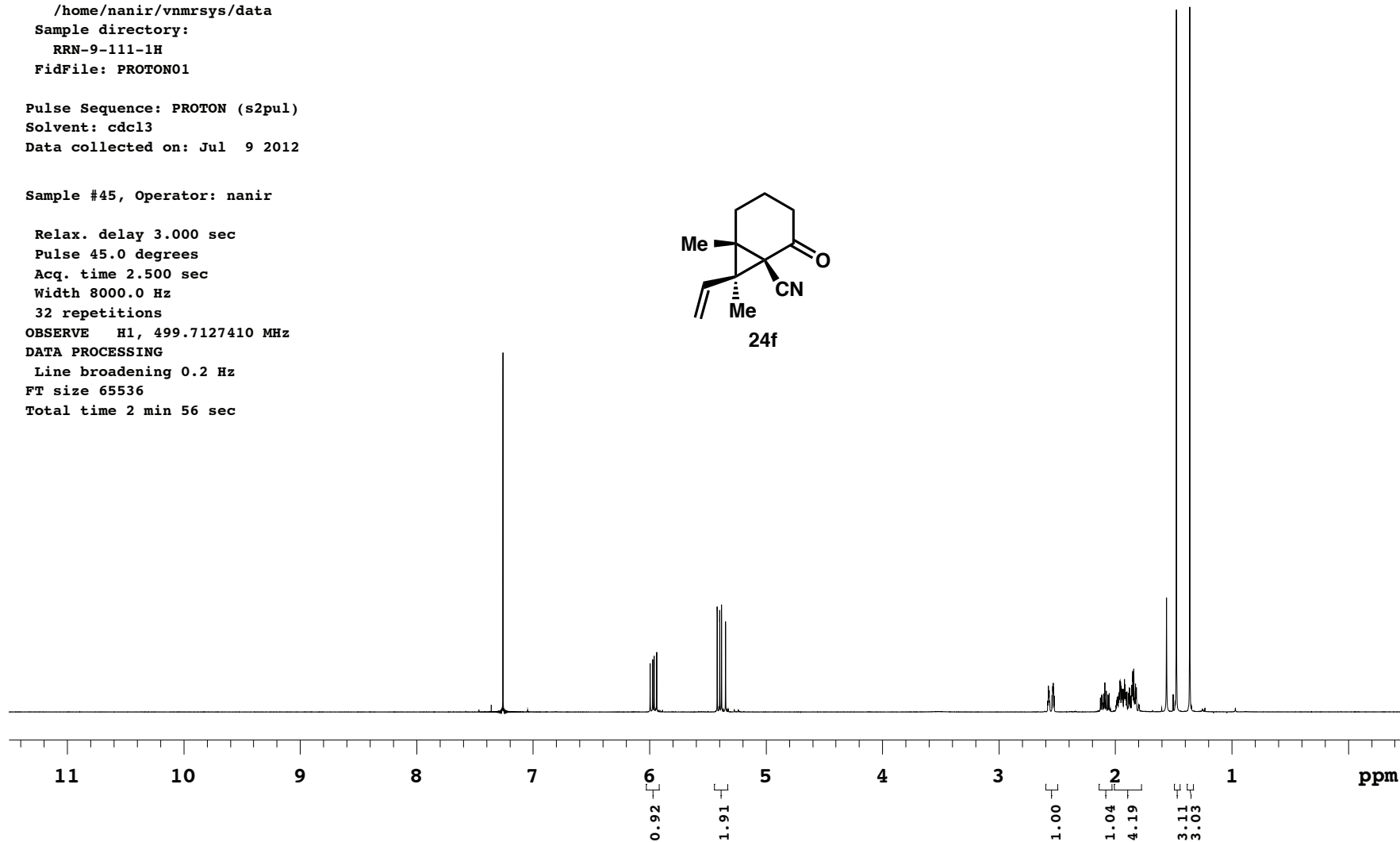
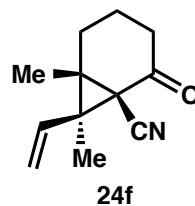


Sample Name:
RRN-9-111-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-111-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Jul 9 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7127410 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 2 min 56 sec

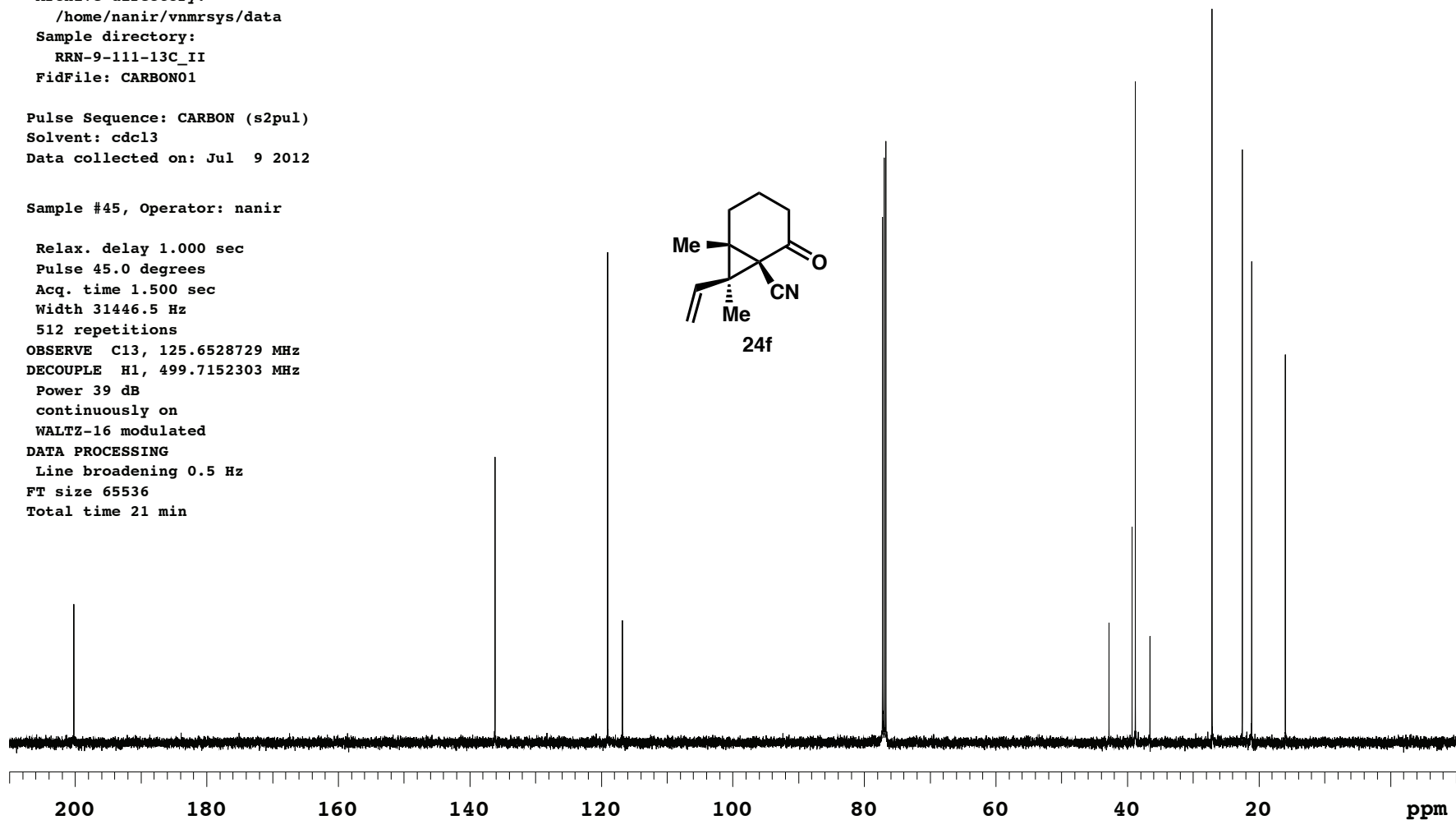
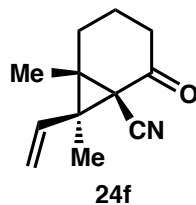


Sample Name:
RRN-9-111-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-111-13C_II
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jul 9 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528729 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 21 min

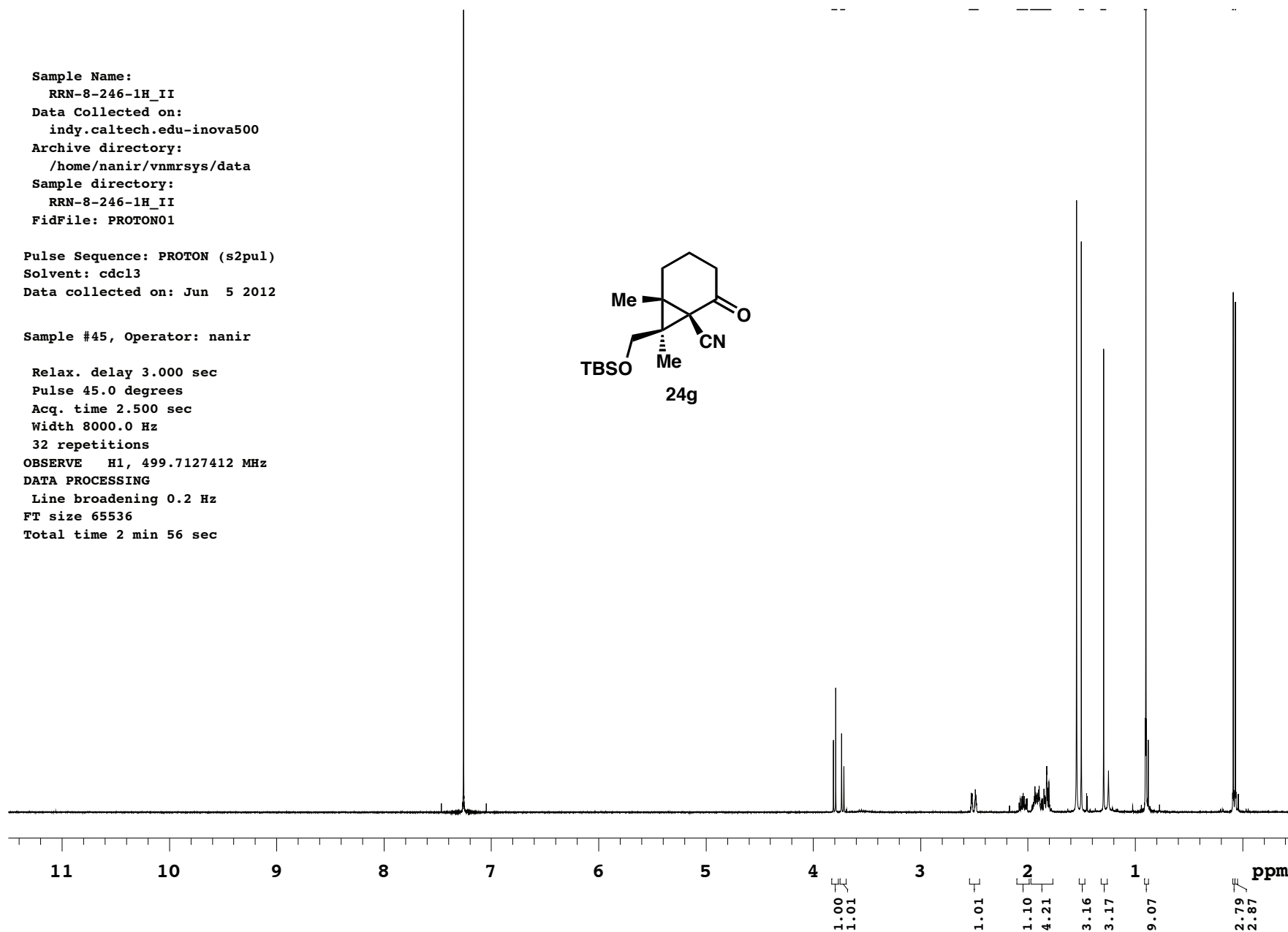
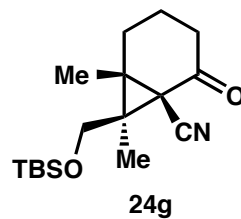


Sample Name:
 RRN-8-246-1H_II
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-8-246-1H_II
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Jun 5 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 32 repetitions
 OBSERVE H1, 499.7127412 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 2 min 56 sec

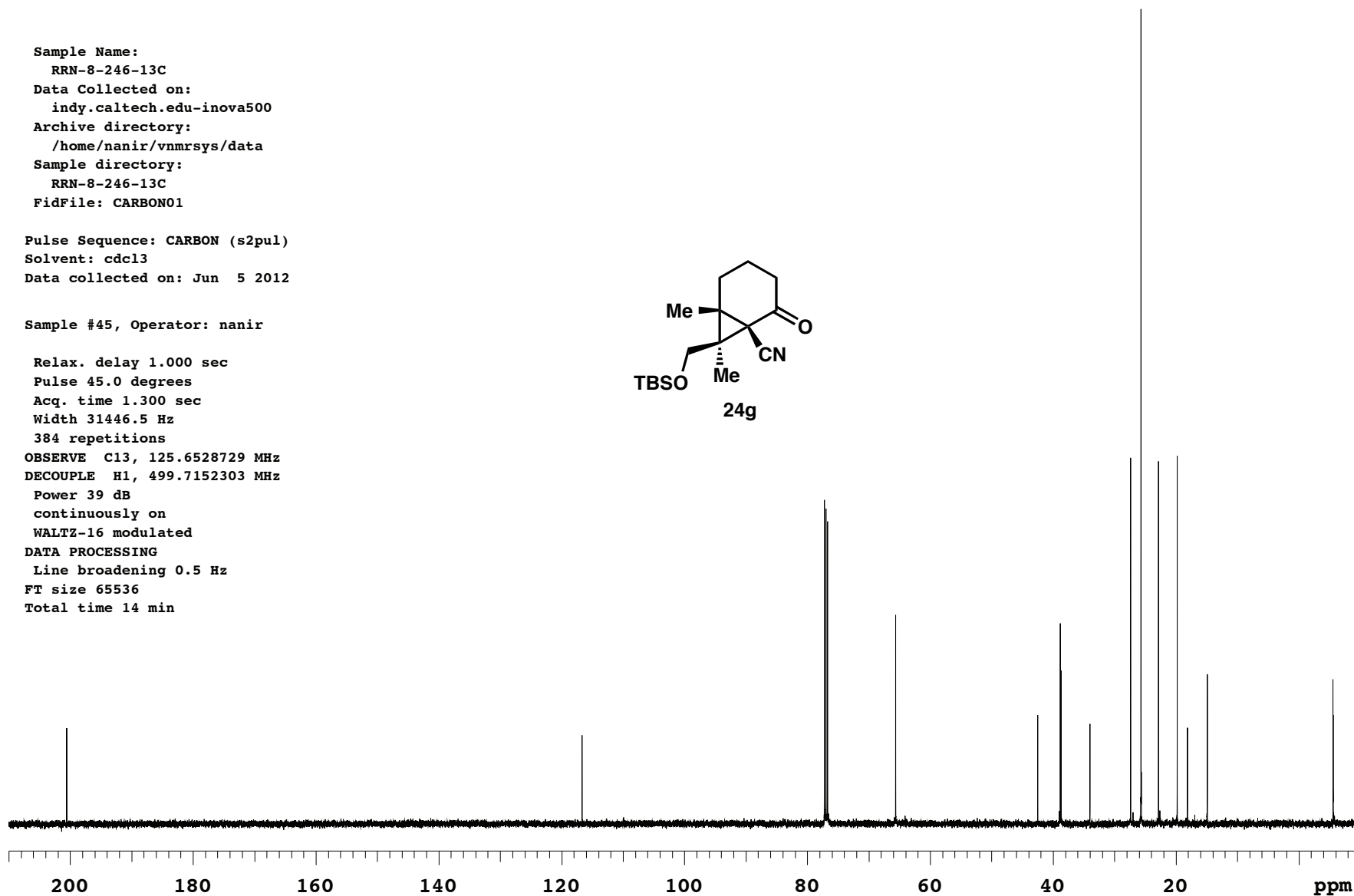
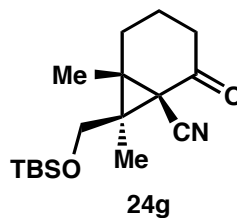


Sample Name:
RRN-8-246-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-8-246-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Jun 5 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.300 sec
Width 31446.5 Hz
384 repetitions
OBSERVE C13, 125.6528729 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 14 min

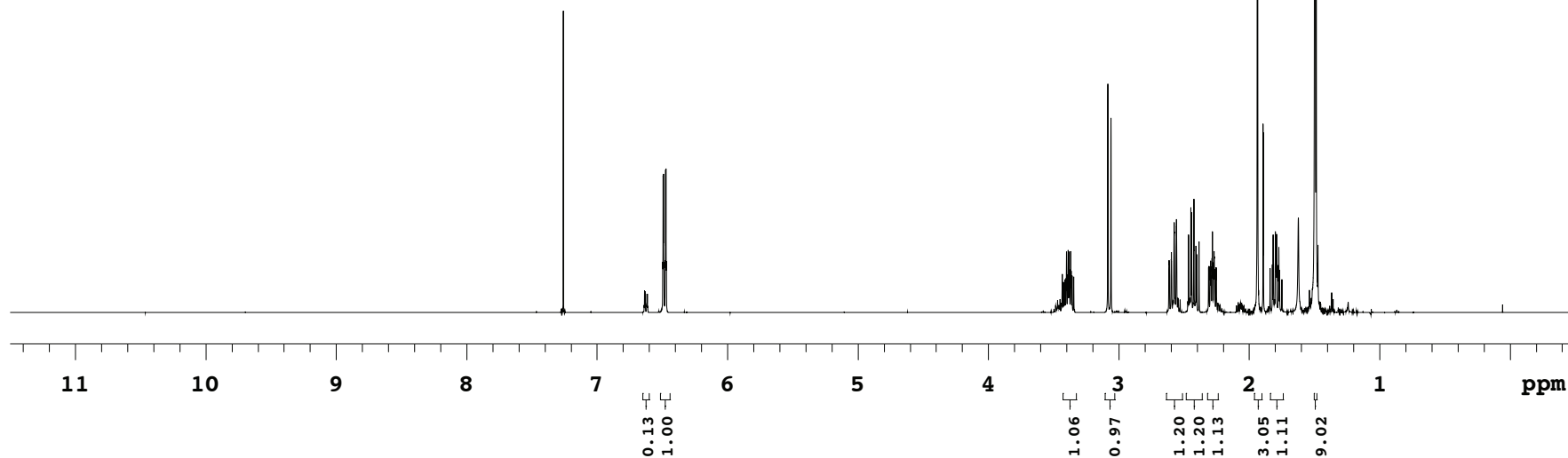
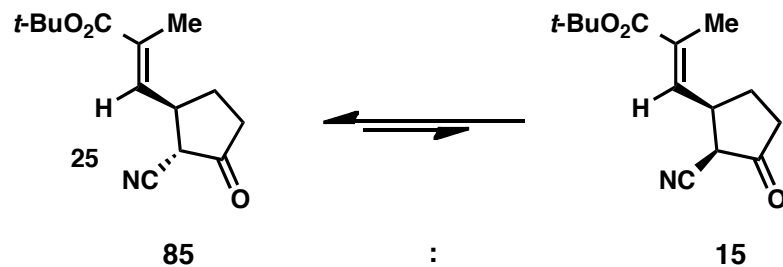


Sample Name:
 RRN-9-123-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-123-13C
 FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
 Solvent: cdcl3
 Data collected on: Jul 16 2012

Sample #39, Operator: nanir

Relax. delay 3.000 sec
 Pulse 45.0 degrees
 Acq. time 2.500 sec
 Width 8000.0 Hz
 16 repetitions
 OBSERVE H1, 499.7127410 MHz
 DATA PROCESSING
 Line broadening 0.2 Hz
 FT size 65536
 Total time 1 min 28 sec

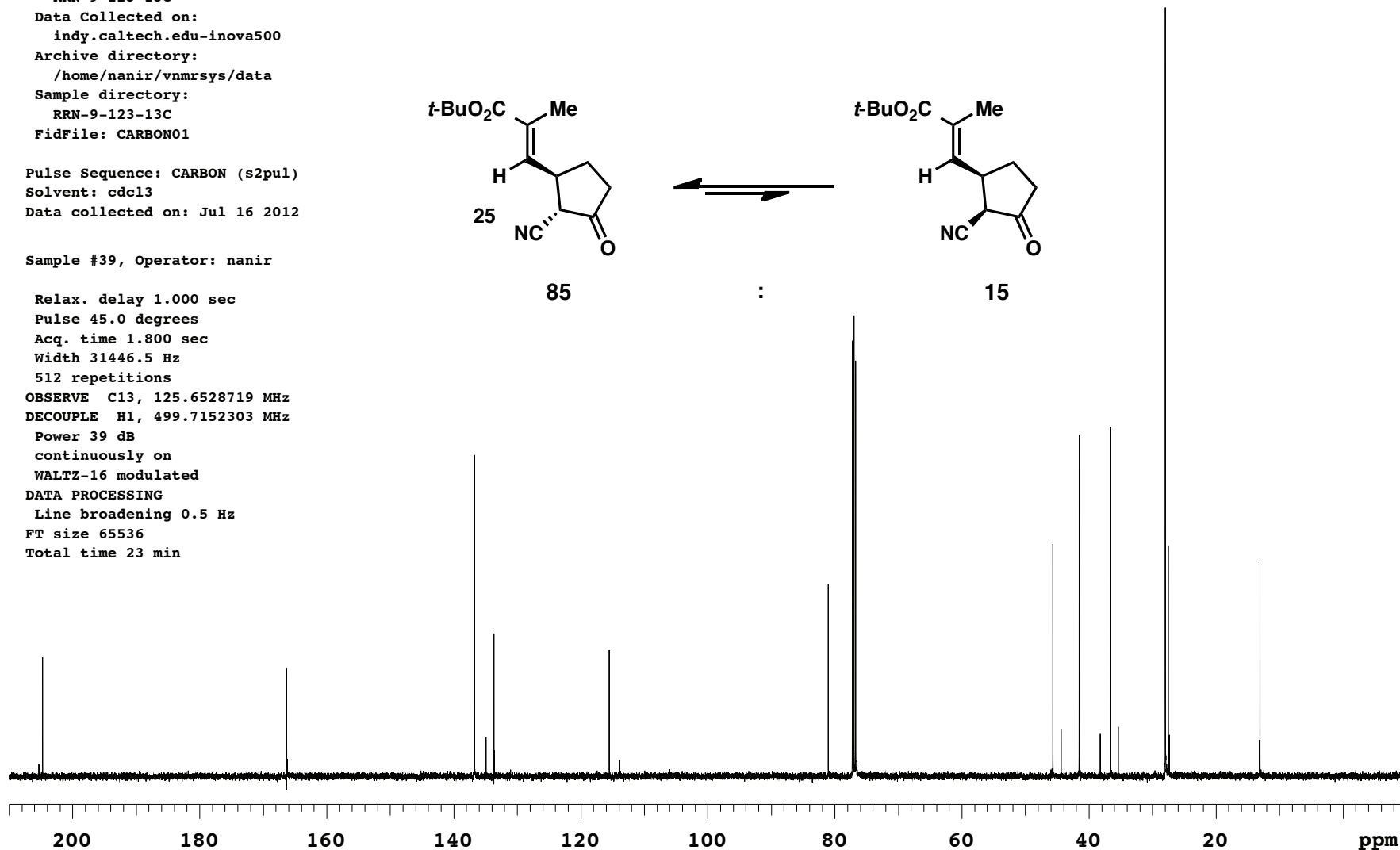
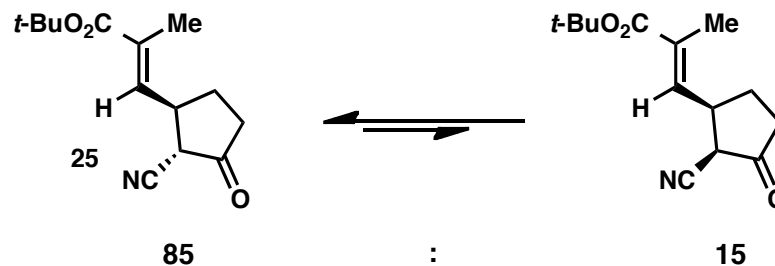


Sample Name:
 RRN-9-123-13C
 Data Collected on:
 indy.caltech.edu-inova500
 Archive directory:
 /home/nanir/vnmrsys/data
 Sample directory:
 RRN-9-123-13C
 FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
 Solvent: cdcl3
 Data collected on: Jul 16 2012

Sample #39, Operator: nanir

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.800 sec
 Width 31446.5 Hz
 512 repetitions
 OBSERVE C13, 125.6528719 MHz
 DECOUPLE H1, 499.7152303 MHz
 Power 39 dB
 continuously on
 WALTZ-16 modulated
 DATA PROCESSING
 Line broadening 0.5 Hz
 FT size 65536
 Total time 23 min



RRN-9-298-1H

Sample Name:

RRN-9-298-1H

Data Collected on:

fid.caltech.edu-inova600

Archive directory:

/home/nanir/vnmrsys/data

Sample directory:

RRN-9-298-1H_20121213_01

FidFile: data_s2pul_001

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Dec 13 2012

Temp. 25.0 C / 298.1 K

Operator: nanir

Relax. delay 3.000 sec

Pulse 45.0 degrees

Acq. time 1.705 sec

Width 9611.9 Hz

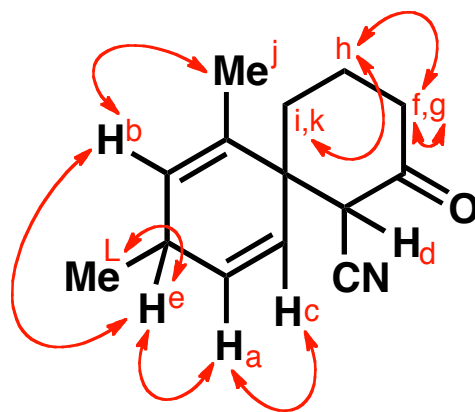
16 repetitions

OBSERVE H1, 599.6396308 MHz

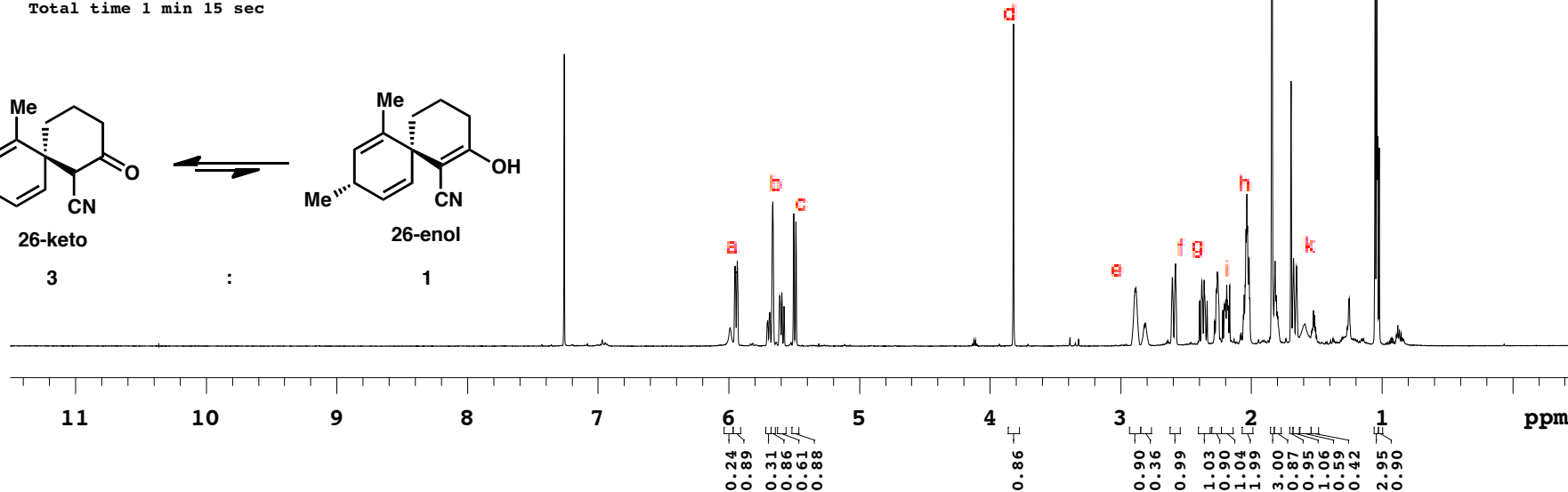
DATA PROCESSING

FT size 32768

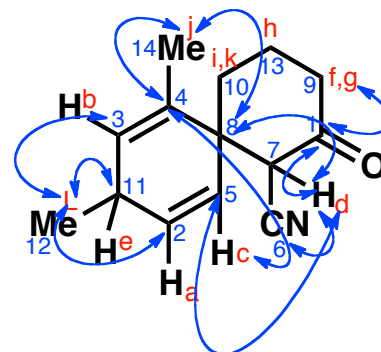
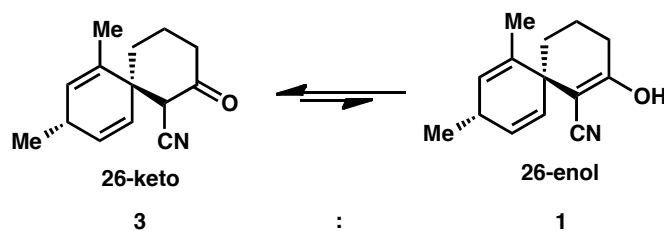
Total time 1 min 15 sec



$^1\text{H} - ^1\text{H}$ Correlations via COSY analysis



Sample Name:
RRN-9-298-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-298-13C
FidFile: CARBON01

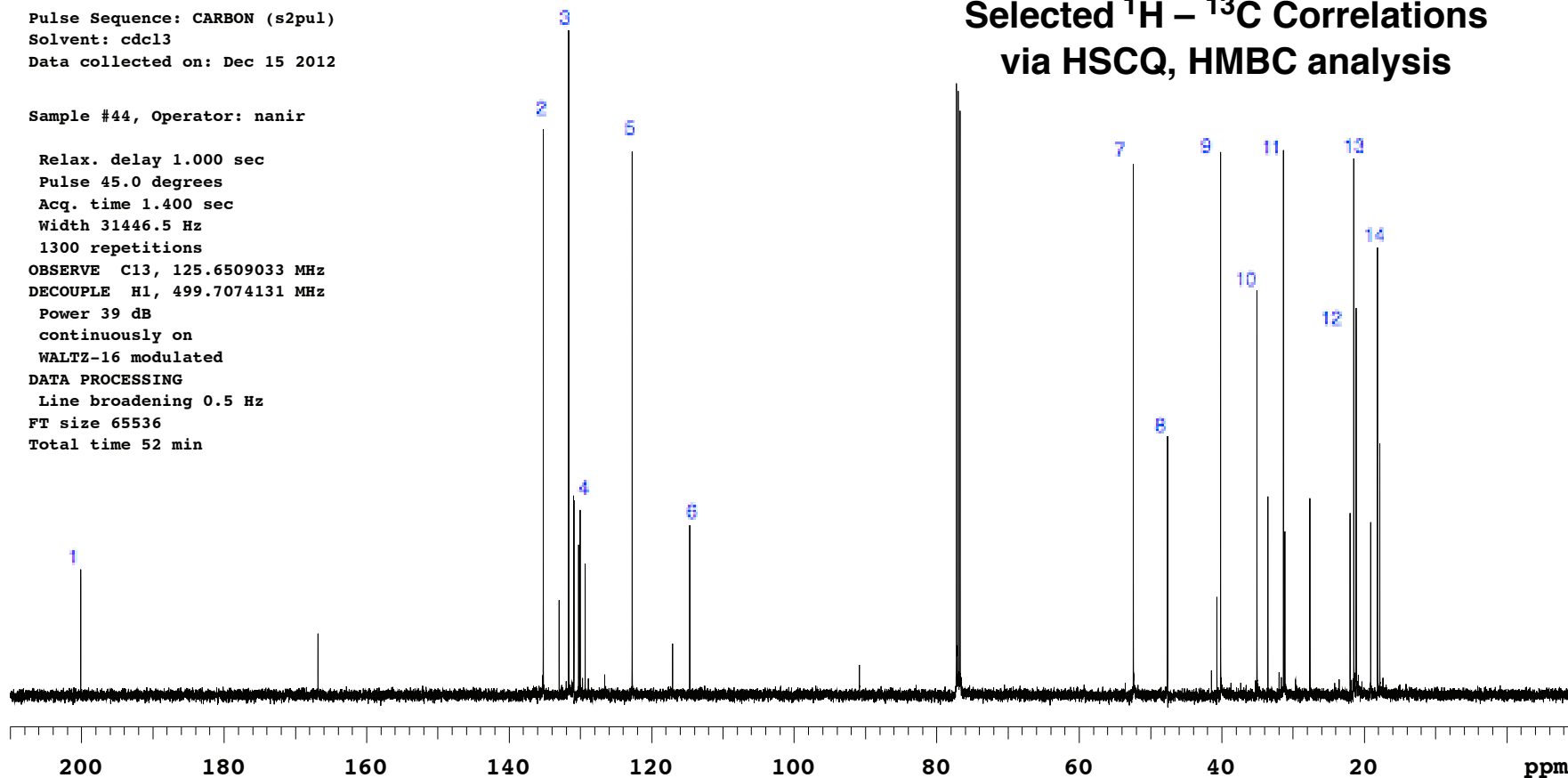


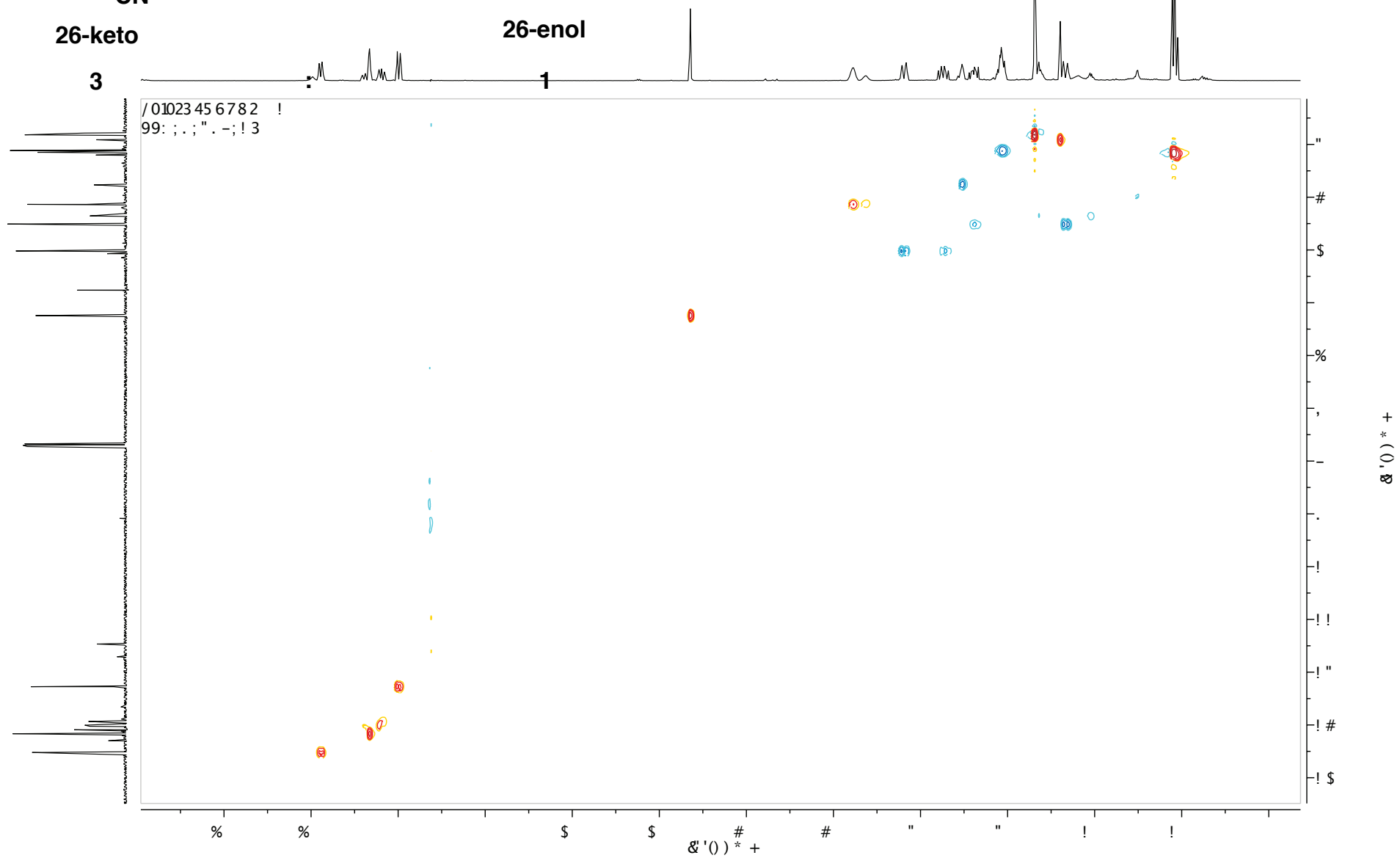
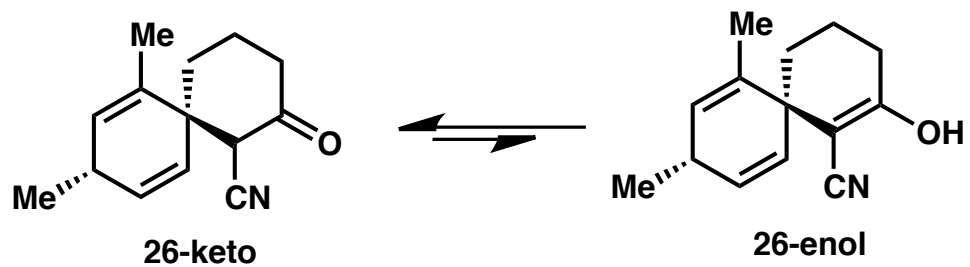
Selected $^1\text{H} - ^{13}\text{C}$ Correlations via HSCQ, HMBC analysis

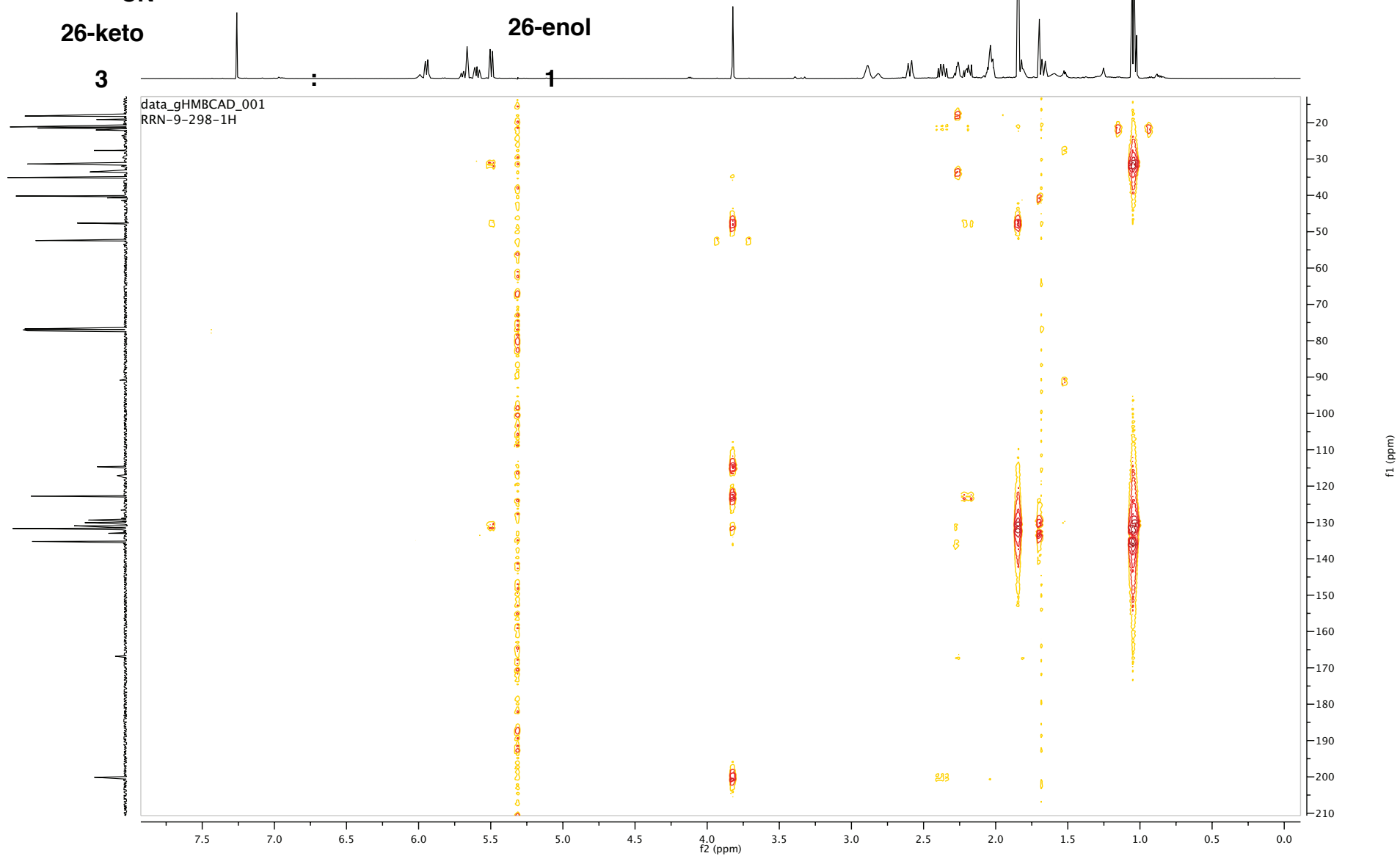
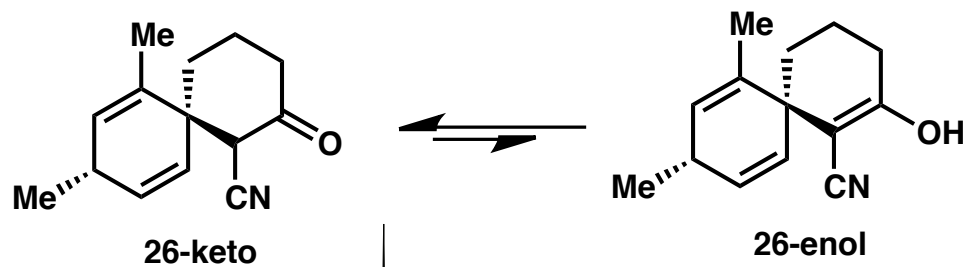
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 15 2012

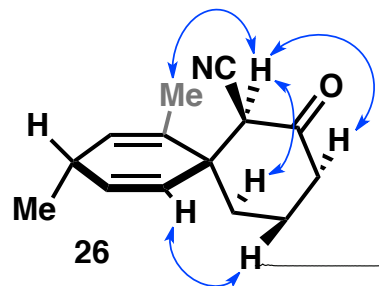
Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
1300 repetitions
OBSERVE C13, 125.6509033 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 52 min



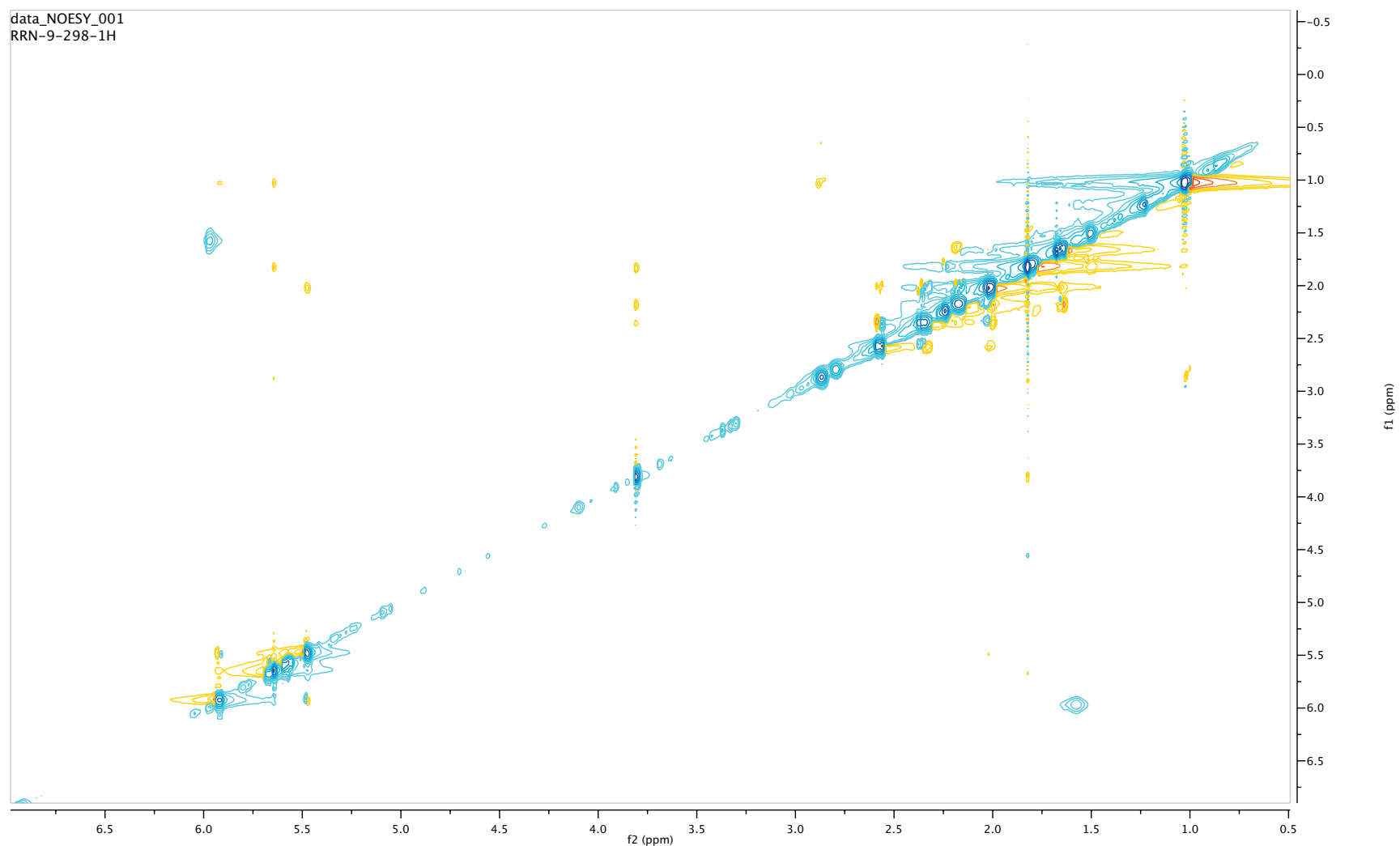






Selected nOe Correlations

data_NOESY_001
RRN-9-298-1H



RRN-9-275-13C

Sample Name:

RRN-9-275-13C

Data Collected on:

fid.caltech.edu-inova600

Archive directory:

/home/nanir/vnmrsys/data

Sample directory:

RRN-9-275-13C_20121216_02

FidFile: data_s2pul_001

Pulse Sequence: PROTON (s2pul)

Solvent: cdcl3

Data collected on: Dec 16 2012

Temp. 25.0 C / 298.1 K

Operator: nanir

Relax. delay 4.000 sec

Pulse 45.0 degrees

Acq. time 1.705 sec

Width 9611.9 Hz

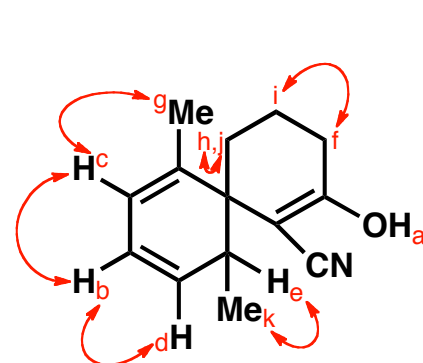
32 repetitions

OBSERVE H1, 599.6396314 MHz

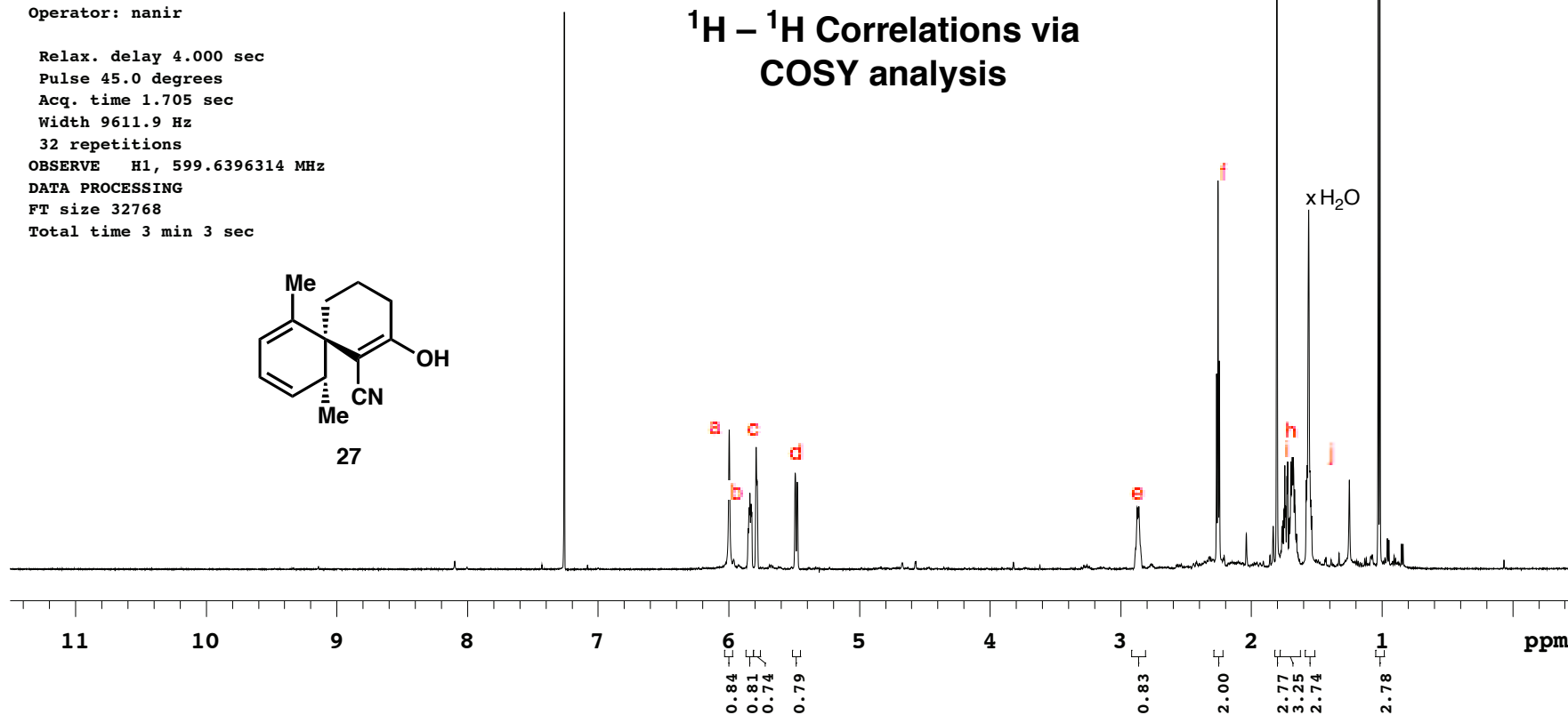
DATA PROCESSING

FT size 32768

Total time 3 min 3 sec



¹H – ¹H Correlations via COSY analysis



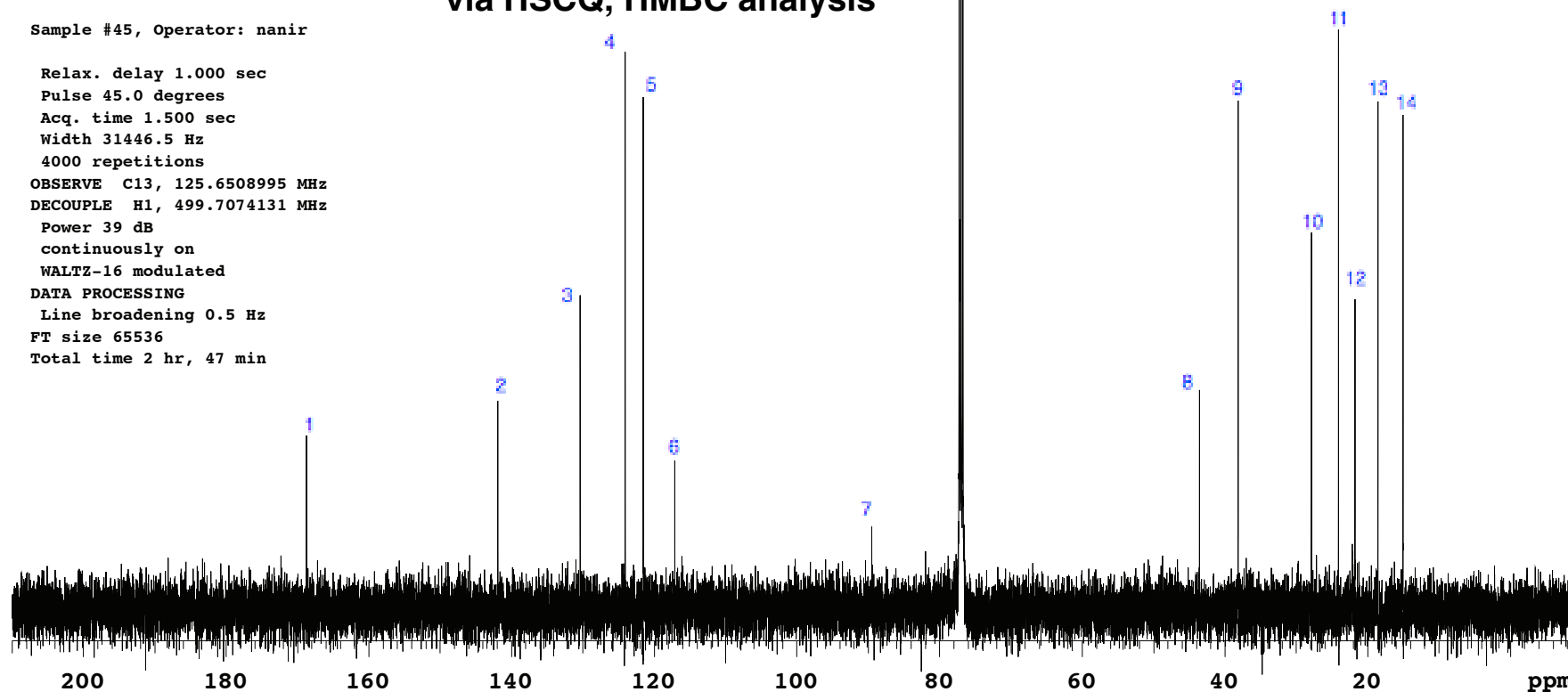
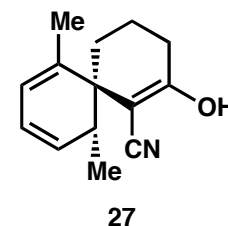
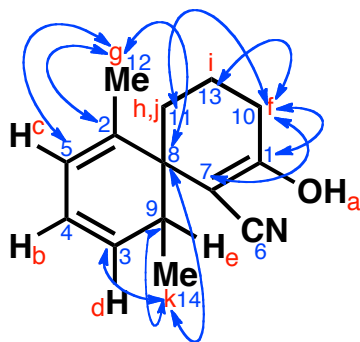
Sample Name:
RRN-9-275-13C_II
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-275-13C_II
FidFile: CARBON01

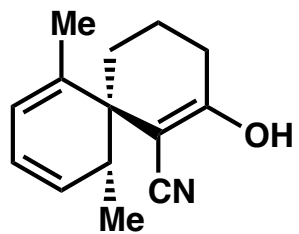
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 16 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
4000 repetitions
OBSERVE C13, 125.6508995 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 2 hr, 47 min

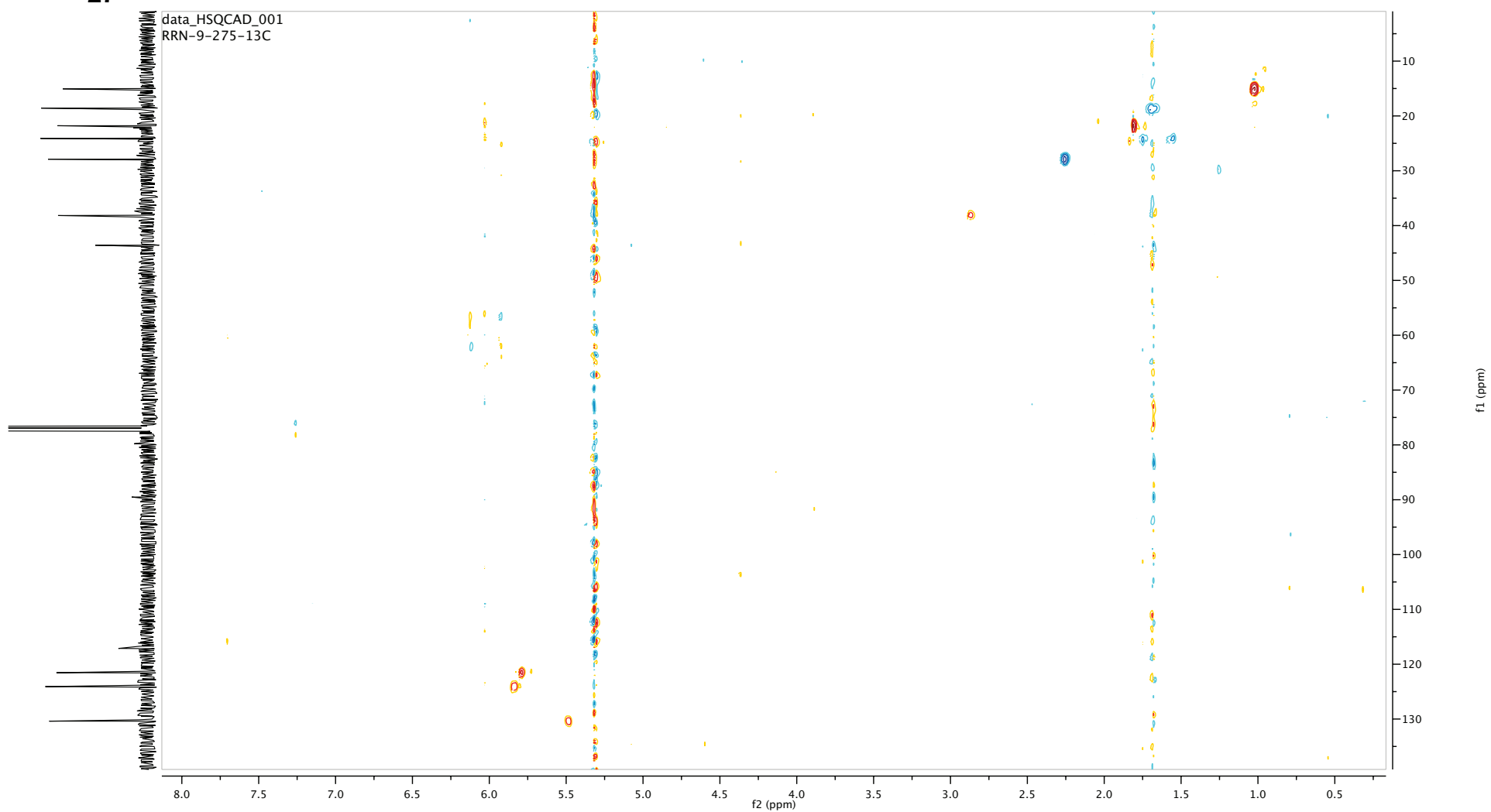
Selected ^1H – ^{13}C Correlations via HSCQ, HMBC analysis

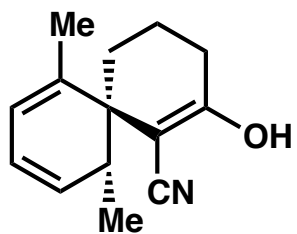




27

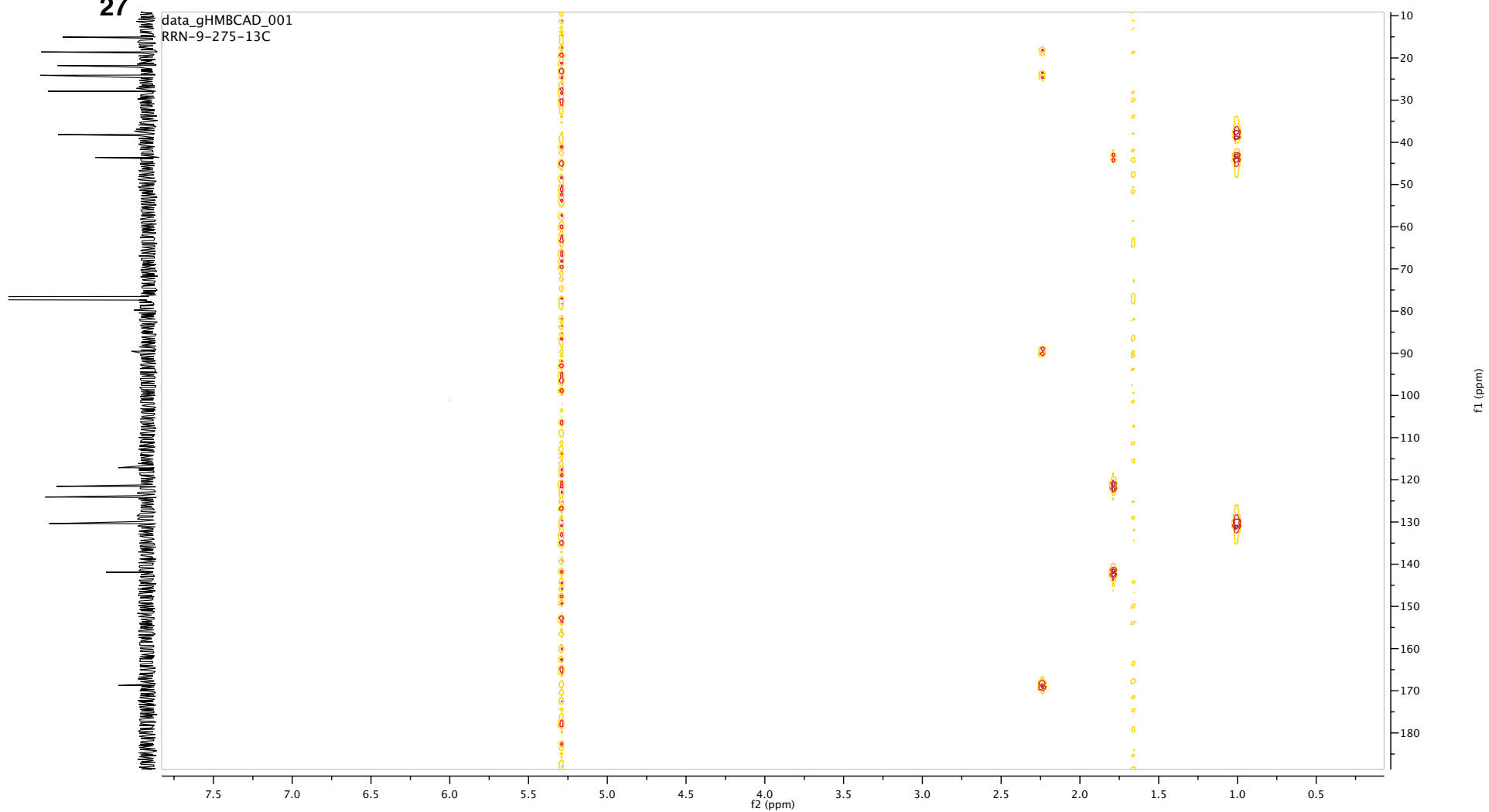
data_HSQCAD_001
RRN-9-275-13C

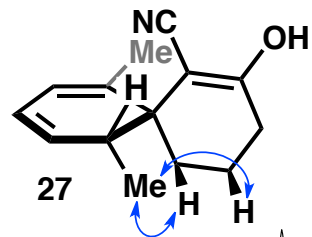




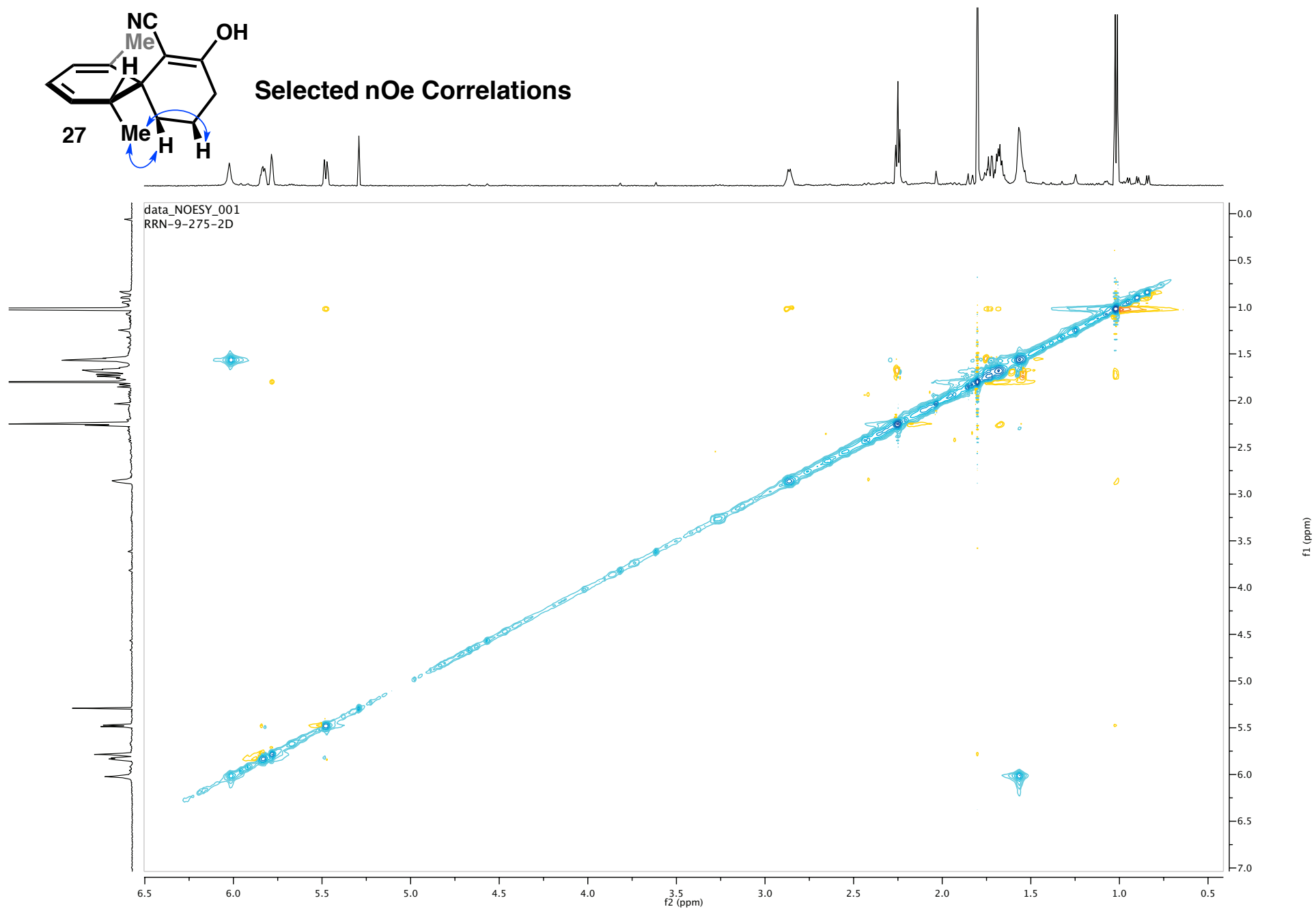
27

data_gHMBCAD_001
RRN-9-275-13C





Selected nOe Correlations



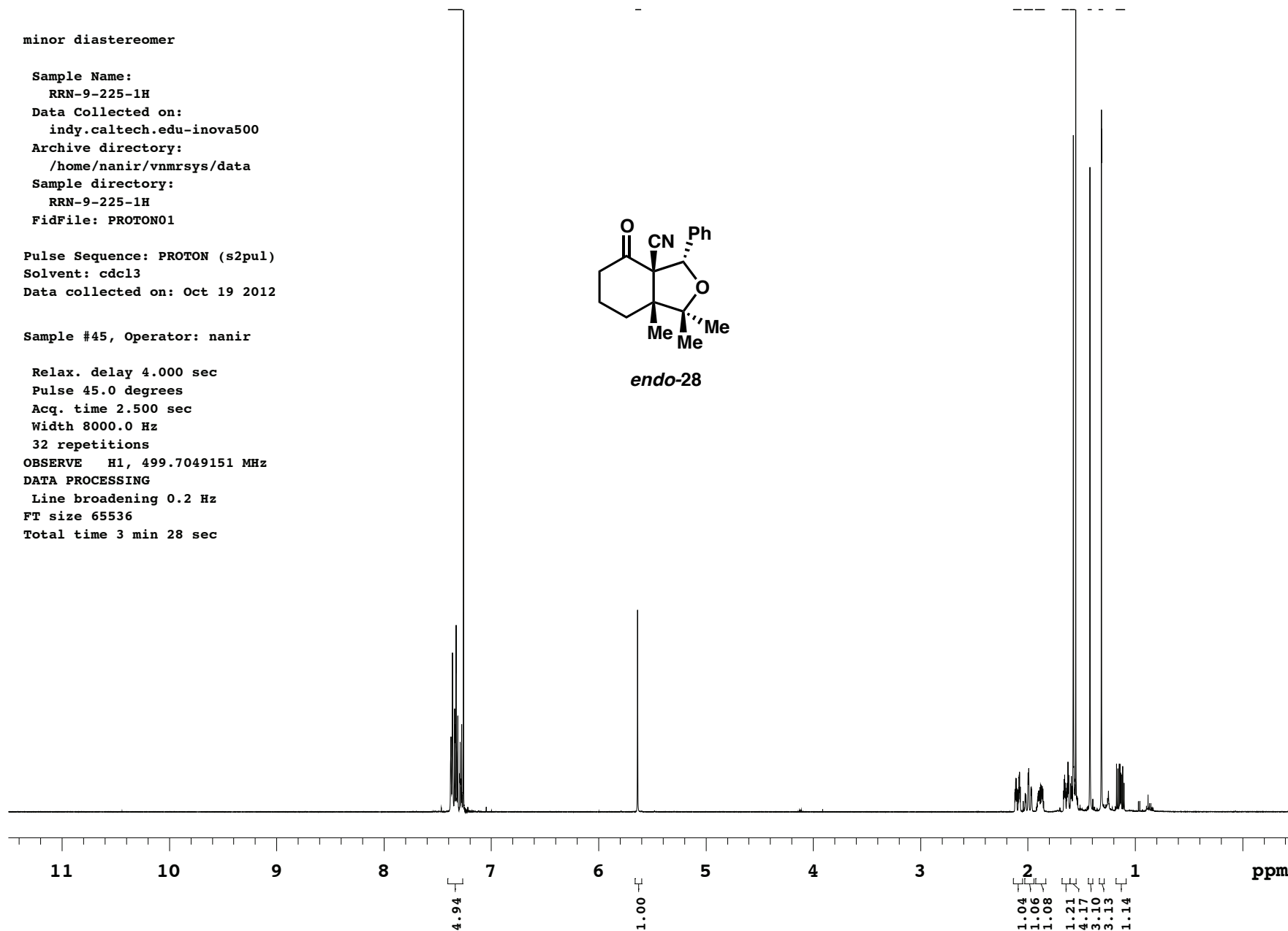
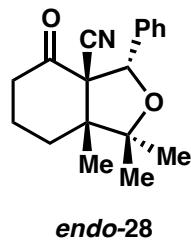
minor diastereomer

Sample Name:
RRN-9-225-1H
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-225-1H
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Oct 19 2012

Sample #45, Operator: nanir

Relax. delay 4.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 3 min 28 sec

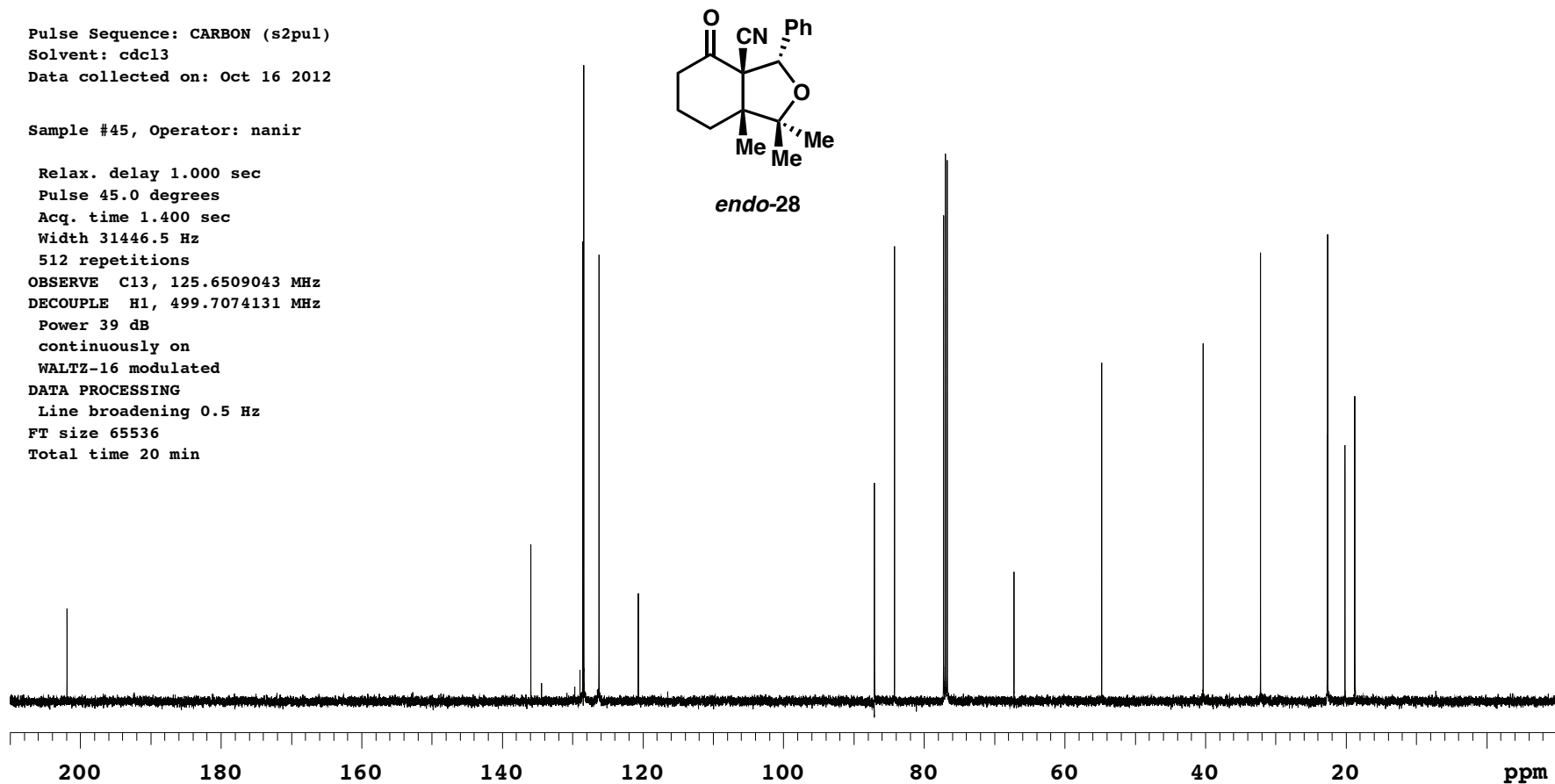
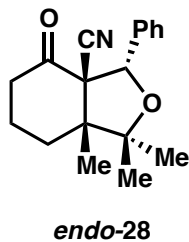


Sample Name:
RRN-9-225-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-225-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 16 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.400 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6509043 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 20 min

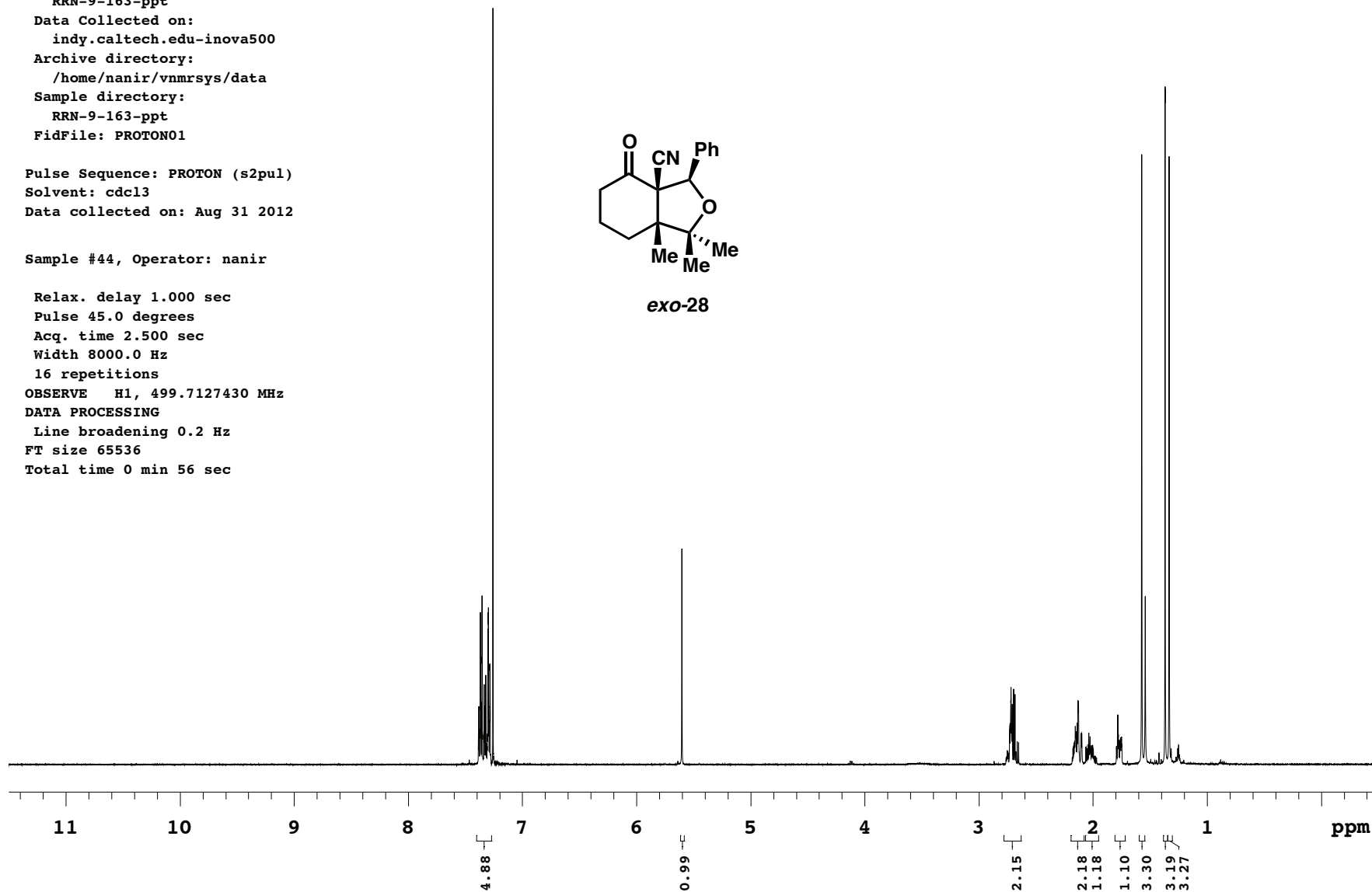
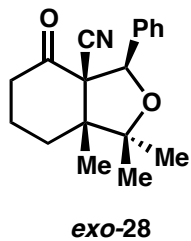


Sample Name:
RRN-9-163-ppt
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-163-ppt
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Aug 31 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7127430 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 56 sec

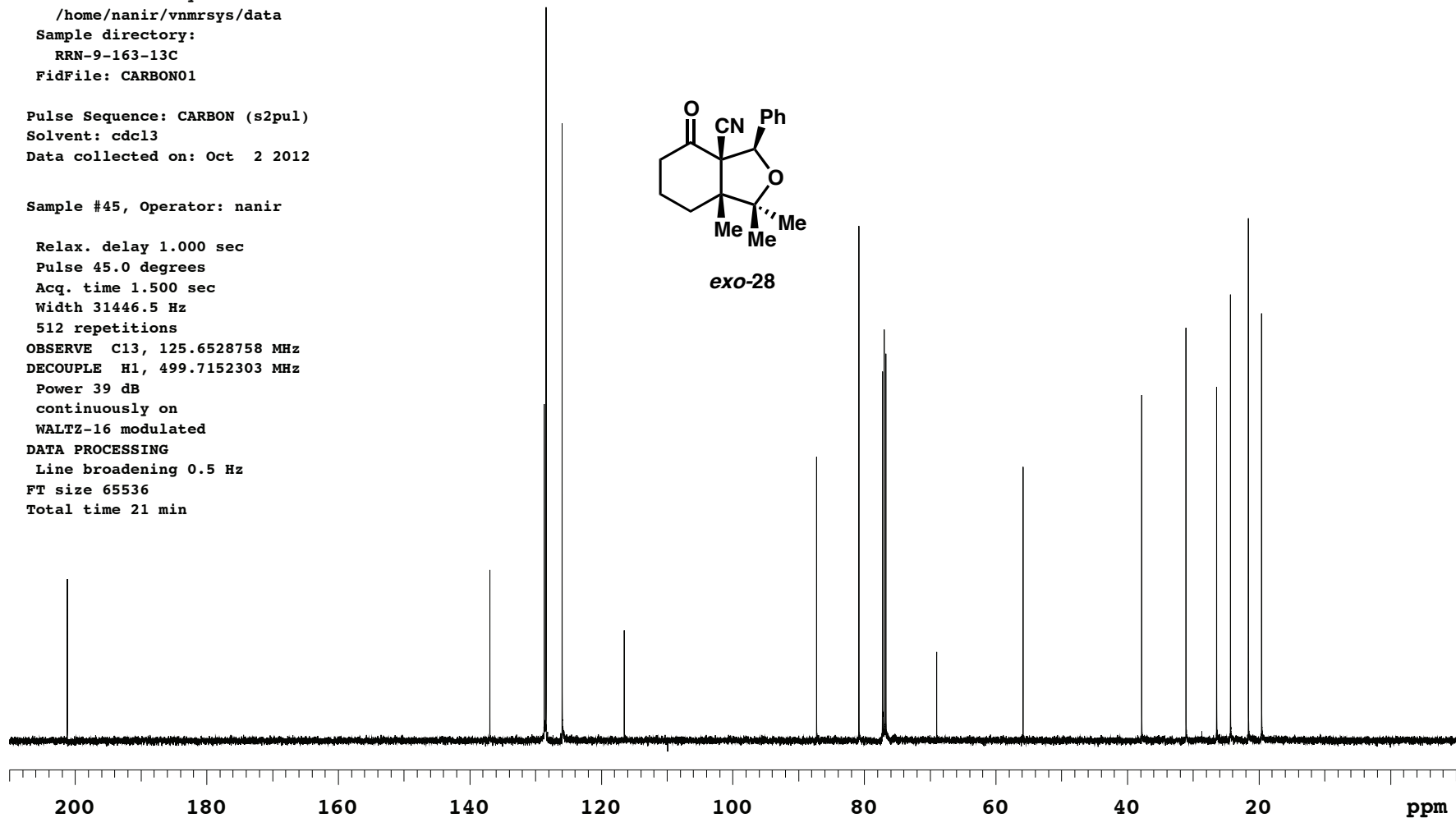
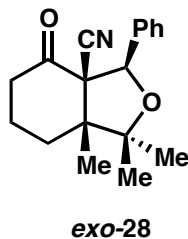


Sample Name:
RRN-9-163-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-9-163-13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Oct 2 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.500 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6528758 MHz
DECOUPLE H1, 499.7152303 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 21 min

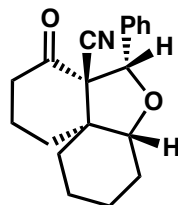


Sample Name:
RRN-10-73-2_endo
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-73-2_endo
FidFile: PROTON01

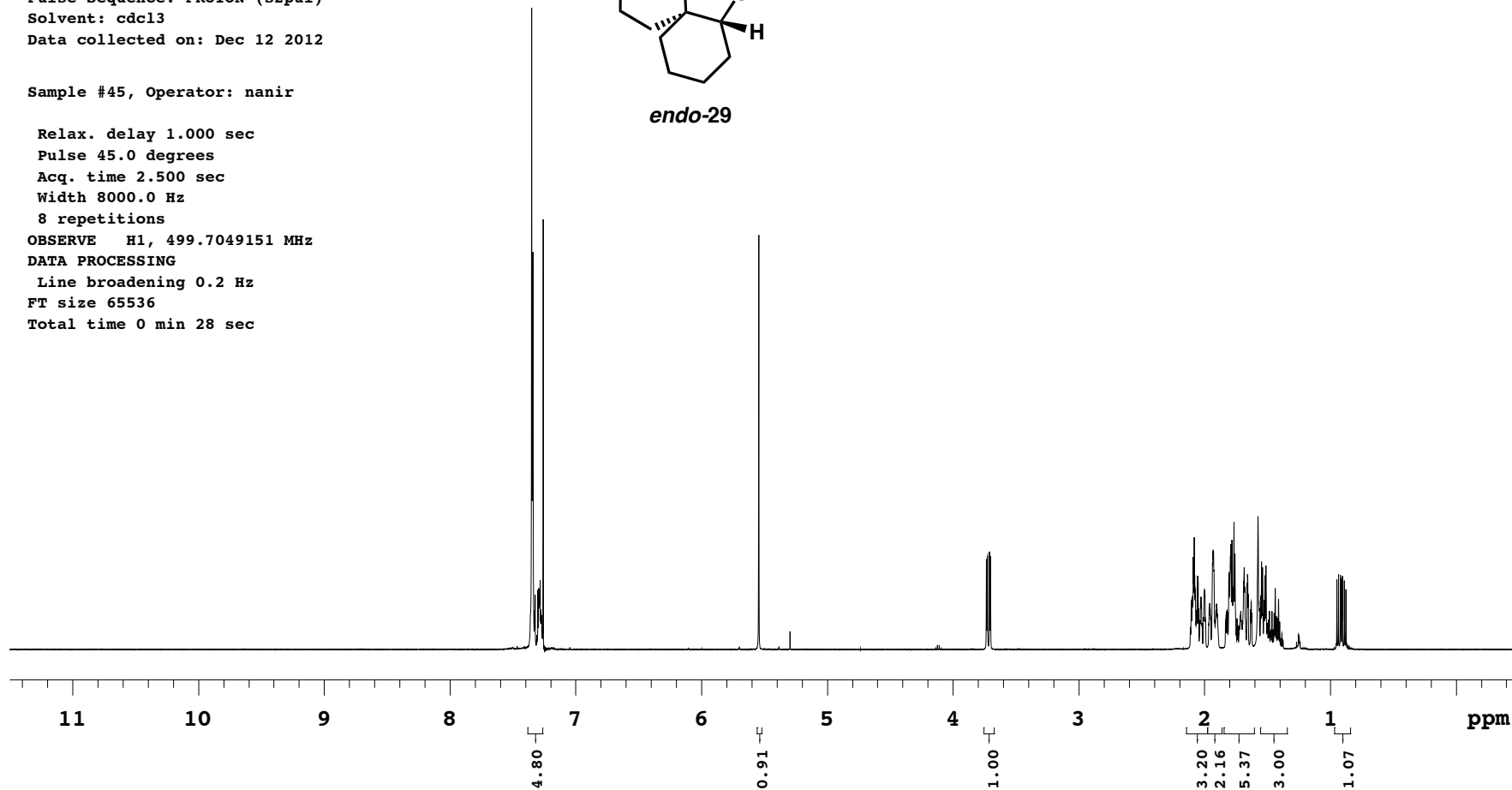
Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Dec 12 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
8 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 0 min 28 sec



endo-29

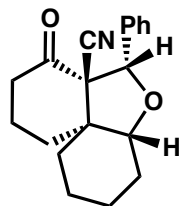


Sample Name:
RRN-10-73-2-13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-73-2-13C
FidFile: CARBON01

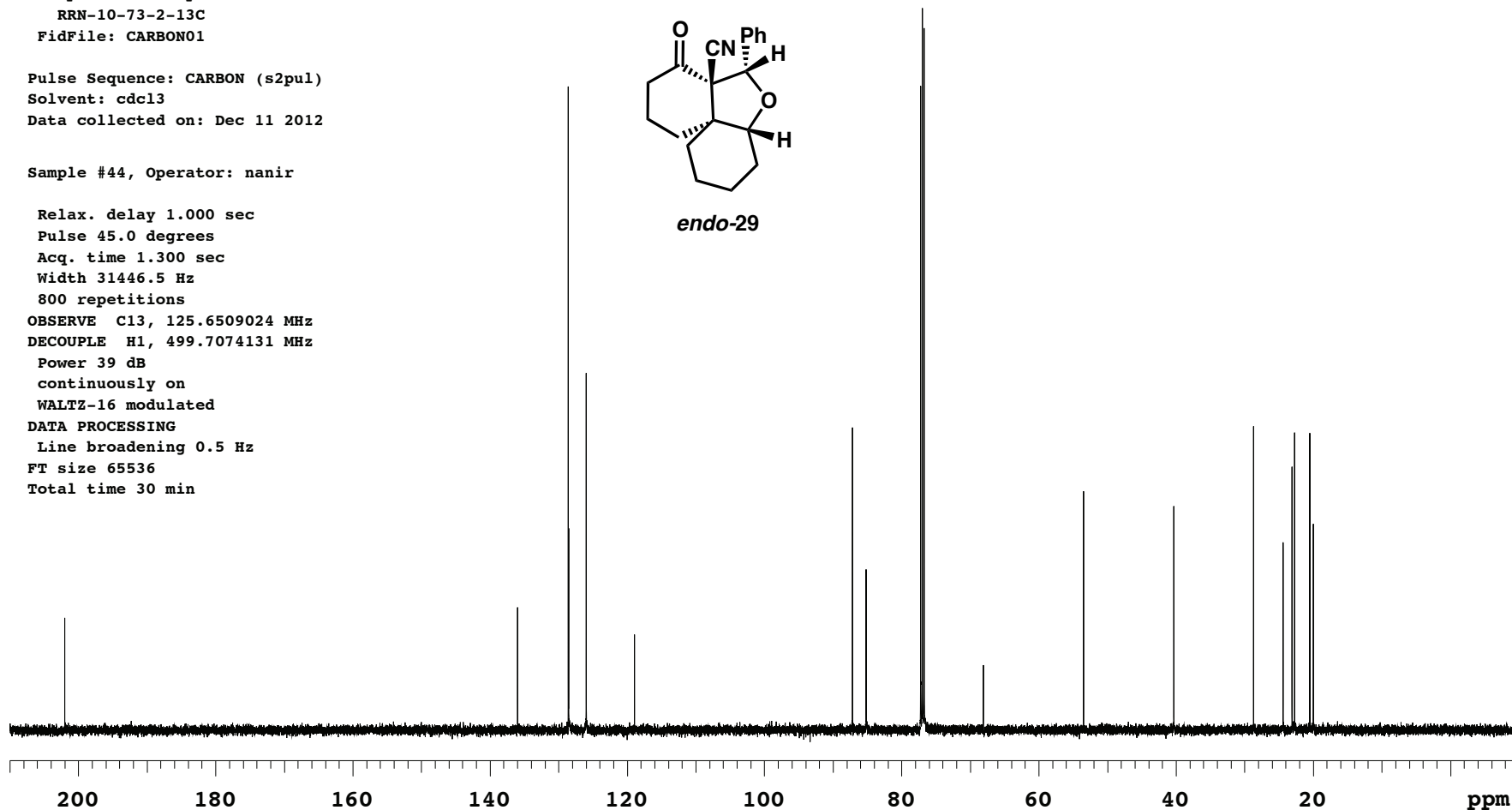
Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 11 2012

Sample #44, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.300 sec
Width 31446.5 Hz
800 repetitions
OBSERVE C13, 125.6509024 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 0.5 Hz
FT size 65536
Total time 30 min



endo-29

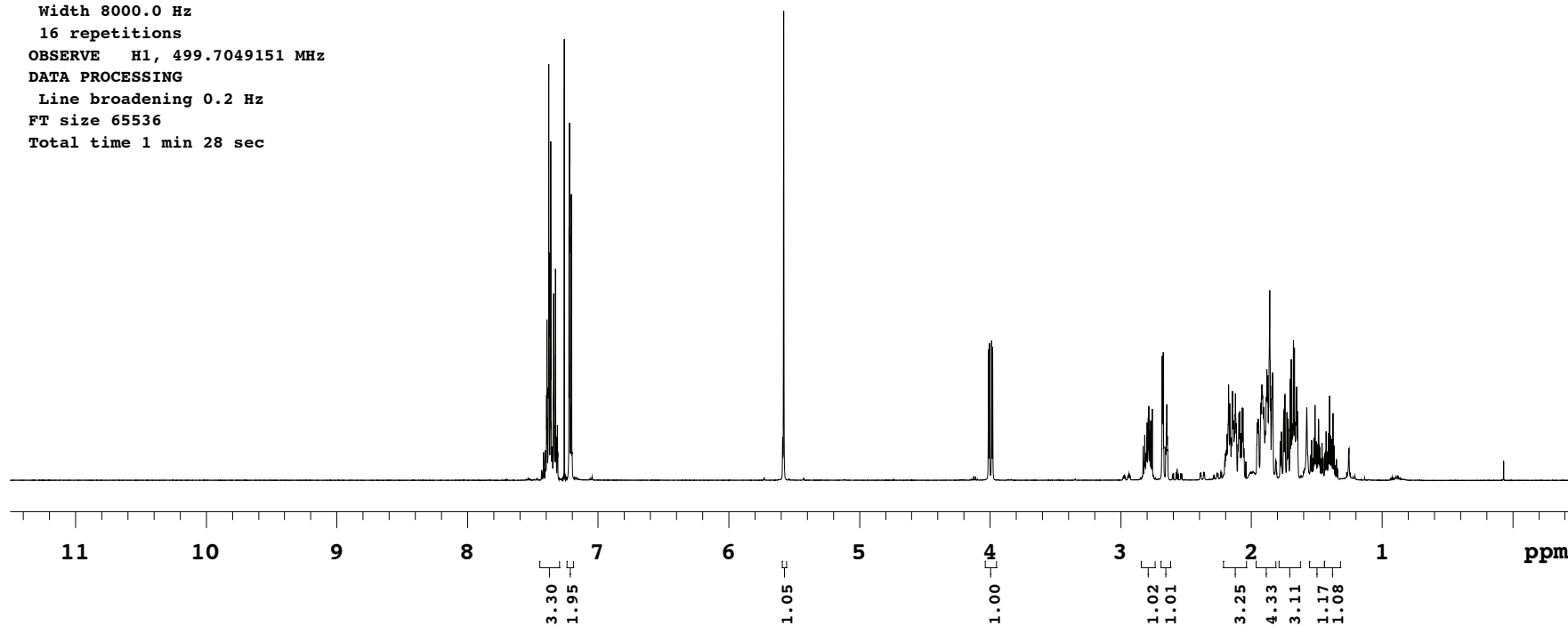
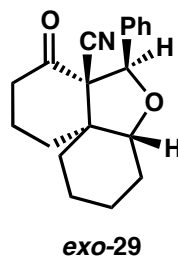


Sample Name:
RRN-10-73-3_13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-73-3_13C
FidFile: PROTON01

Pulse Sequence: PROTON (s2pul)
Solvent: cdcl3
Data collected on: Dec 16 2012

Sample #45, Operator: nanir

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 2.500 sec
Width 8000.0 Hz
16 repetitions
OBSERVE H1, 499.7049151 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total time 1 min 28 sec



Sample Name:
RRN-10-73-3_13C
Data Collected on:
indy.caltech.edu-inova500
Archive directory:
/home/nanir/vnmrsys/data
Sample directory:
RRN-10-73-3_13C
FidFile: CARBON01

Pulse Sequence: CARBON (s2pul)
Solvent: cdcl3
Data collected on: Dec 16 2012

Sample #45, Operator: nanir

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 2.000 sec
Width 31446.5 Hz
512 repetitions
OBSERVE C13, 125.6509052 MHz
DECOUPLE H1, 499.7074131 MHz
Power 39 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 2.0 Hz
FT size 65536
Total time 25 min

